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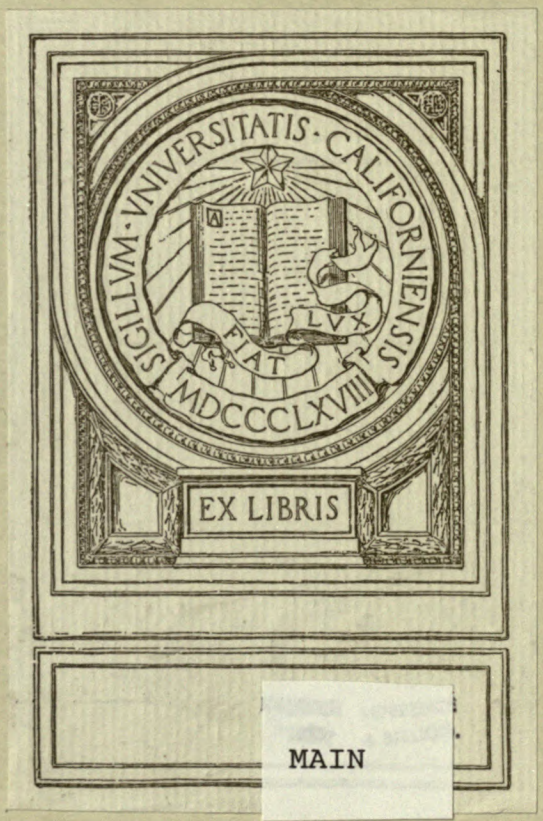

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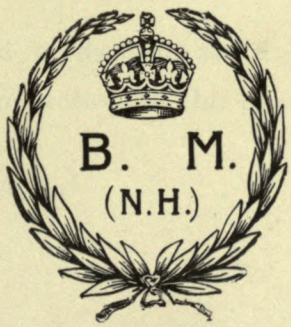

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THIS, the fifth volume of the Catalogue of the Collection of Books, Maps, &c., in the Natural History branch of the British Museum, brings the series of entries under the authors' names down to the end of the alphabet. The first sheet of the volume was passed for press in June 1913.

The lines on which it has been prepared have been fully set forth in the "Introduction" to the first volume.

Thanks for assistance in its production are due to the persons already mentioned in the Prefaces and Introduction to the preceding volumes.

L. FLETCHER,
Director.

BRITISH MUSEUM (NATURAL HISTORY),
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Broteria : revista de sciencias naturaes do Collegio, &c. Vol. I→ 1902→ *illust.* 8°. *Lisboa*, 1902→

SOAREZ D'ALBERGARIA (LOPEZ) Kurze Nachricht von der Portugiesen Thaten in Indien ... 1516-21, unter ... L. Soarez. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, &c. Bd. I. 4°. 1747.

SOBOLEV (DĪMĪTRIĬ NĪKOLAEVĪCH)
Osnovnuiya chertui, stratighrafiī ī tektonīkī Sīluriĭskīkh otlozheniĭ Kyeletzko-Sandomīrskagho kryazha. [On the principal features, stratigraphy and tectony of the Silurian strata of the Kyeletzk-Sandomirsk ridge.] *pp. 36 : 2 pls. col.*
Fauna drevnyeĭshīkh srednedevonskīkh otlozheniĭ tzarstva Pol'skagho. [Fauna of the middle Devonian strata of Poland.] *pp. 7 : 1 pl.*
See WARSAW. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, &c. Protokolui ... otdyelenie Biologhii. Ghod. XI. 8°. 1901.

SOBOLEWSKJ (GREGORIUS) Flora Petropolitana. Sistens Plantas in gubernio Petropolitano sponte crescentes, tam eas quæ olim in Flora Ingrica Krascheninnikovii a Gortero enumeratæ sunt quam novas post ... 1764 ... detectas ... cum additione variarum observationum, atque Russica Plantarum denominatione, &c. *pp. vii, 354.* 8°. *Petropoli*, 1799.

SOBOTTA (JOHANNES) Beobachtungen über den Gastrulationsvorgang beim *Amphioxus*. *pp. 21 : 1 pl., text illust. See* WURZBURG.—PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXI, no. 2. 8°. 1897.

Sobotta (J.) Die morphologische Bedeutung der Kupffer'schen Blase. Ein Beitrag zur Gastrulation der Teleostier. *pp. 17 : 1 pl., text illust. See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXII, no. 3. 8°. 1898.

Sobotta (J.) Ueber die Richtungsteilungen des Säugetiereies, speziell über die Frage der Zahl der Richtungskörper. *pp. 21. See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXIX, no. 5. 8°. 1908.

SOBRERO (ASCANIO) [1812–1888] Proposta di un nuovo metodo d'osservazione delle Stelle Cadenti. *pp. 7.* 8°. [*Turin*, &c.,] (1865.)
Reprinted from the "Gazzetta Ufficiale del Regno d'Italia." No. 17.

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Index Specieminum Plantarum Insulæ Otaheitensis. [*pp. 24.*]
Index . . . Plantarum Insulæ Otaheite reliquarumque Insularum Oceani Pacifici. [*pp. 32.*]
[The two preceding MSS. are not in Solander's handwriting, but contain notes by him.]
Catalogus Plantarum Insulæ Otaheite. [*pp. 24.*]
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2. On the occurrence of an *Orthis* allied to *O. Actoniæ*, J. De C. Sby., and *O. flabellulum*, J. De C. Sby., in the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

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2. On a species of *Asaphus* from the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

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[Founded 1896. Consisting of the following Societies :—
CITY OF LONDON ENTOMOLOGICAL SOCIETY.
CITY OF LONDON COLLEGE SCIENCE SOCIETY.
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CLAPHAM Y.M.C.A. NATURAL SCIENCE CIRCLE.
SELBORNE SOCIETY.
BALHAM ANTIQUARIAN AND NATURAL HISTORY SOCIETY.
CROYDON MICROSCOPICAL AND NATURAL HISTORY CLUB.
CROYDON CAMERA CLUB.
HOLMESDALE NATURAL HISTORY CLUB (REIGATE).
WOKING FIELD CLUB.
BRIGHTON AND HOVE NATURAL HISTORY & PHILOSOPHICAL SOCIETY.
EASTBOURNE NATURAL HISTORY SOCIETY.
HASTINGS AND ST. LEONARD'S NATURAL HISTORY SOCIETY.
HORSHAM MUSEUM SOCIETY.
BROMLEY NATURALISTS' SOCIETY.
CATFORD AND DISTRICT NATURAL HISTORY SOCIETY.
DOVER NATURAL HISTORY SOCIETY.
EAST KENT NATURAL HISTORY SOCIETY.
FOLKESTONE NATURAL HISTORY SOCIETY.
NEW BROMPTON NATURALISTS' SOCIETY.
NORTH KENT NATURAL HISTORY AND SCIENTIFIC SOCIETY.
ROCHESTER NATURALISTS' CLUB.
SEVENOAKS NATURAL HISTORY SOCIETY.
SIDCUP LITERARY AND SCIENTIFIC SOCIETY.
SOUTHBOROUGH FIELD CLUB.
TUNBRIDGE WELLS AMATEUR PHOTOGRAPHIC SOCIETY.
TUNBRIDGE WELLS HIGH SCHOOL NATURAL HISTORY SOCIETY.
TUNBRIDGE WELLS NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.
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Zoology. Edited by J. W. Tutt.
Birds. Compiled by H. J. Turner.
Spiders (False Scorpions). By H. W. Kew.
Hemiptera, Homoptera & Coleoptera. By W. West.
Mollusca. By the Rev. Canon J. W. Horsley.
Prehistoric Period. By B. C. Polkinghorne.

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SOUTHLAND INSTITUTE. [Founded 1880.]

[For Proceedings, *&c.*]
See NEW ZEALAND INSTITUTE. Transactions, *&c.*

SOUTHPORT SOCIETY OF NATURAL SCIENCE. [Founded 1890.]

Report, *&c.* No. 1—> 1890-91—> 8°. *Southport*, 1892—>

SOUTHWELL (THOMAS) *F. L. S.* Report on the Anomura collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. V. Supplementary Reports, No. 35. 4°. 1906.

SOUTHWELL (THOMAS) *F.Z.S.* [1831-1909] Observations on the Fauna of Norfolk . . . New edition, with additions . . . and notes by T. Southwell. *See* LUBBOCK (R.) 8°. 1879.

Southwell (Thomas) *F.Z.S.* The Seals and Whales of the British Seas, &c. *pp. vi* [*i*,] *128 : 12 pls., text illust.* 4°. *London*, 1881.

Southwell (Thomas) *F.Z.S.* The Birds of Norfolk, with remarks on their habits, migration, and local distribution : by H. Stevenson (continued by T. Southwell). Vol. III. *See* Stevenson (H.) 4°. 1890.

Southwell (Thomas) *F.Z.S.* The Official Guide to the Norwich Castle Museum, &c. *See* Norwich.—*Norwich Castle Museum.* 8°. 1896.

SOUTHWORTH (Effie A.) The True Grasses . . . translated . . . by . . . E. A. Southworth, &c. *See* Hackel (E.) 8°. 1890.

SOUZA (Emile J. d') Map of the Malay Peninsula, &c. *See* Malay Peninsula. [*Maps.*] 1879.

SOUZA MONTEIRO (Jose Maria de) *See* Monteiro (J. M. de S.)

SOWERBY, *Family of.* List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] *See* Royal Botanic Society of London. 8°. [1908.]

SOWERBY (Charles Edward) [1795–1842] An Illustrated Catalogue of British Plants, arranged according to the Natural Orders, &c. *pp. 56 : 48 pls.* [Illustrated by J. E. Sowerby.] 12°. *London*, 1841.

SOWERBY (George Brettingham) *1st of the name* [1788–1854] The Genera of recent and fossil Shells . . . continued by G. B. Sowerby. *See* Sowerby (J.) 8°. 1820–25 [–34].

Sowerby (G. B.) *1st of the name.* A Catalogue of the Shells contained in the collection of the . . . Earl of Tankerville . . . with an appendix, containing descriptions of many new species. *pp. vii, 92, xxxiv : 8 pls. col.* 8°. *London*, 1825.

The figures of the prices inserted in manuscript are those copied from the catalogue kept in the room at Sowerby's, at the time of the sale, while this copy is also marked to show the specimens purchased by the British Museum and by Dr. Gray. There is also appended an unpublished plate of *Turbo bicarinatus*.

Sowerby (G. B.) *1st of the name.* *See* Zoological Journal, *The* . . . conducted by . . . G. B. Sowerby. Vol. I & II. 8°. 1825–26.

Sowerby (G. B.) *1st of the name.* Observations on a few of the most remarkable Shells collected by . . . S. Stutchbury on the coast of some of the Islands of the Australasian and Polynesian groups, together with descriptions of a few new species. *pp. 4 : 1 pl. col.* 8°. [*London* ? 1829 ?]

Issued as an appendix to a sale catalogue of Polynesian Shells collected by S. Stutchbury, of which catalogue no trace can now be found.

Sowerby (G. B.) *1st of the name.* Monographs of the genera *Ancillaria, Ovulum* and *Pandora.* *See* Broderip (W. J.) Species Conchyliorum, &c. Vol. I, pt. 1. 4°. 1830.

Sowerby (G. B.) *1st of the name.* The Conchological Illustrations, by G. B. Sowerby, Junr. [with text by G. B. Sowerby, 1st of the name]. *See* Sowerby (G. B.) *2nd of the name.* 8°. [1832–] 1841.

Sowerby (G. B.) *1st of the name.* The Yorkshire Meteorite. s.sh. [*London,*] 1835.

Sowerby (G. B.) *1st of the name.* *See* Malacological and Conchological Magazine, *The.* Conducted by G. B. Sowerby. 2 Pt. 4°. 1838 [–39].

Sowerby (G. B.) *1st of the name.* Molluscous Animals and their Shells. *See* Beechey (F. W.) The Zoology of Capt. Beechey's Voyage. 4°. 1839.

Sowerby (G. B.) *1st of the name.* Monograph of the genus *Cyclostoma* (—*Columbella.*—*Voluta.*—*Lingula.*—*Terebratula.*—*Orbicula, Crania, Hipponyx & Thecidium*). *See* Sowerby (G. B.) *2nd of the name.* Thesaurus Conchyliorum, &c. Vol. I. 4°. 1843–46.

Sowerby (G. B.) *1st of the name.* Description of Fossil Shells [from the Tertiary of St. Jago, from St. Helena and from the Palæozoic rocks of Tasmania]. *See* Darwin (C. R.) Geological Observations on the Volcanic Islands visited during the voyage of H.M.S. 'Beagle,' &c. Appendix. 8°. 1844.

—— [Another issue.] *See* Darwin (C. R.) Geological Observations on Coral Reefs, Volcanic Islands, &c. Pt. II, Appendix. 8°. 1851.

—— Second edition. *See* Darwin (C. R.) Geological Observations on . . . Volcanic Islands . . . Second edition. Pt. I, Appendix. 8°. 1876.

Sowerby (G. B.) *1st of the name.* [New Pliocene Mollusca and a new Brachiopod from Australia and Tasmania.] *See* Strzelecki (P. E. de) Physical description of New South Wales and Van Diemen's Land. 8°. 1845.

Sowerby (G. B.) *1st of the name.* Descriptions of Tertiary Fossil Shells from South America. *See* Darwin (C. R.) Geological Observations on South America, &c. Appendix. 8°. 1846.

—— [Another issue.] *See* Darwin (C. R.) Geological Observations on Coral Reefs . . . and on South America, &c. Pt. III, Appendix. 8°. 1851.

—— [Second edition.] *See* Darwin (C. R.) Geological Observations on . . . Volcanic Islands . . . Second edition. Pt. II, Appendix. 8°. 1876.

Sowerby (G. B.) *1st of the name.* [Manuscript Catalogue of the Mollusca contained in the Museum of the Company. By G. B. Sowerby.] *See* East India Company. fol. [ ]

SOWERBY (George Brettingham) *2nd of the name* [1812–1884] The Conchological Illustrations, by G. B. Sowerby, Jun. [*pp. iv, 116 :*] *200 pls. col.* 8°. *London*, [1832–] 1841.

The text consists of 'Catalogues of the recent species' and 'Liste of the figures' : the former, with the exception of those for the genera *Chiton, Cardium, Murex*, and *Typhis*, are by G. B. Sowerby, 1st of the name. Some of the plates were drawn in 1832, and intended to be issued with text by J. E. Gray [*See* infra, Sowerby (G. B.) *2nd of the name*, & Gray J. E.)] A portion of the cancelled text belonging to this edition has been preserved with Dr. Gray's tracts.
For details concerning the dates of publication of the parts of this work, *See* notes by C. Davies Sherborn and H. O. N. Shaw in "Proc. Malac. Soc. Lond." Vol. VIII, 1909, pp. 331–340.

Sowerby (G. B.) *2nd of the name.* A Conchological Manual. *pp. v* [*i*,] *130, 2 tabs. : 24 pls.* (*1 col.*) 8°. *London*, 1839.

—— Second edition. *pp. vi, 313, 2 tabs. : 27 pls.* 8°. *London*, 1842.

Interleaved copy, with manuscript notes by F. E. Edwards.

—— Fourth edition, &c. *pp. vi* [*i*,] *337, 2 tabs. : 29 pls. col., text illust.* 8°. *London*, 1852.

Sowerby (G. B.) *2nd of the name.* Thesaurus Conchyliorum, or Monographs of Genera of Shells. Edited by G. B. Sowerby, Jun. [Completed by G. B. Sowerby, *3rd of the name.*] 5 Vol. *illust. col.* LARGE PAPER. 4°. *London*, (1842–) 1847–87.

Issued in 44 parts, as follows:—Vol. I, pt. 1, *pp. 1–32 : pls. i–x*, May, 1842 [Proc. Zool. Soc. IX, p. 101]; [pt. 2–7 from dates of receipt in the Printed Book Department, British Museum] pt. 2, *pp. 41–82 : pls. xi–xx*, 2 Nov. 1842; pt. 3, *pp. 83–156 : pls. xxi–xxxi*, 23 June, 1843; pt. 4, *pp. 83 [bis]–146 [bis] : pls. xxxii–xl*, 11 April, 1844; pt. 5, *pp. 147 [bis]–156 [bis], 157–220 : pls. xli–lc*, 15 Jan. 1845; pt. 6, *pp. 221–238 : pls. lci–lcvii*, 21 Jan. 1846; pt. 7, *pp. 239–406 : pls. lcviii–lxxviii*, 27 Nov. 1846; pt. 8, *pp. 407–438 : pls. lxxix–xci*, 1847; Vol. II, pt. 9, *pp. 439–484 : pls. xcii–ci, & xxciA*, 1849; pt. 10, *pp. 485–546 : pls. cii–cxvi*, 1849; pt. 11, *pp. 547–608*, & Vol. I, *pp. 157*–168* : pls. cxvii–cxxv, xxxiB & cxviii bis.* 1850; pt. 12, *pp. 609–654 : pls. cxxvi–cxxxix*, 1851; pt. 13, *pp. 655–702 : pls. cxl–cli*, 1852; pt. 14, *pp. 703–762 : pls. clii–clxiii*, 1853; pt. 15, *pp. 763–846 : pls. clxiv–clxxv*, 1854; pt. 16, *pp. 847–899 : pls. clxxvi–clxxxvi*, 1855; Vol. III, pt. 17, *pp. 1–24 : pls. clxxxvii–cxcv*, 1857; pt. 18, *pp. 25–56 : pls. cxcvi–ccx*, 1858; pt. 19, *pp. 57–96 : pls. ccxi–ccxxii*, 1859; pt. 20, *pp. 97–172 : pls. ccxxiii–ccxxxiii*, 1860; pt. 21, *pp. 173–206 . pls. ccxxxiv–ccxliv*, 1862; pt. 22, *pp. 207–248 : pls. ccxlv–cclix*, 1863; pt. 23, *pp. 249–276 : pls. cclv–cclxv*, 1864; pt. 24 & 25, *pp. 277–331 : pls. cclxvi–ccxc*, 1866; Vol. IV, pt. 26–28, *Cypræa, pp. 1–58 : pls. ccxci–ccclxxviii*, 1870; pt. 29, *Oliva, pls. ccclxxviii* [*sic*]*–cccxli*, 1870; pt. 30, *Oliva, pp. 1–46 : pls. cccxlii–cccli*, 1871; pt. 31 & 32, *Mitra, pp. 1–46 : pls. ccclii–ccclxxix*, 1874; pt. 33 & 34, *Murex, pp. 1–55 : pls. ccclxxx–cccciii*, 1879; pt. 35 & 36, *Trophon, &c., pp. 59–110 : pls. cccciv–ccccxxiii, ccclxxiv bis, ccccv*, ccccviii* & ccccxvii bis*, 1880; Vol. V, pt. 37 & 38, *pp. 1–54 : pls. ccccxxiv–ccccxliv, ccccxxiv bis, ccccxl bis & ccccxlii bis*, 1882; pt. 39 & 40, *pp. 55–120 : pls. ccccxlv–ccccl xviii*, 1883; pt. 41 & 42, *pp. 121–188 : pls. ccccl xix–ccccxcii & ccccl xxxix bis*, 1884; pt. 43, *pp. 189–234 : pls. ccccxciii–dvi*, 1886; pt. 44, *pp. 249–305 : pls. dvii–dxii, dxii bis & dxii**, 1887.

There is no *pl. cccci*, nor *ccc*, while there are two marked *ccciv. Pls. ccclxiv–ccclxxi* have been wrongly numbered *ccclii–ccclx*, and *pls. dxiii, dxiv* are numbered *dlxxiii & dlxxiv.*

In Vol. IV, Monograph on *Murex* and *Trophon, p. 56* is blank, and *pp. 57, 58* are nonextant, whilst in Vol. V there are no pages numbered *235–248.*

Most of the monographs are by the editor. The others include :—
Cyclostoma, Columbella, Voluta, Lingula, Terebratula, Orbicula, Crania, Hipponyx and *Theciilium*, by G. B. Sowerby, *1st of the name.*
Terebra, by R. B. Hinds.
Tellina, Nuculidæ and *Solarium*, by S. Hanley.
Cymba and *Melo*, by W. J. Broderip.
Bullidæ, *Eulima, Niso, Leiostraca, Obeliscus, Pyramidella, Monoptygma*, Stomatellinæ, *Cyclostrema, Adeorbis* and *Teinostoma*, by A. Adams.
Cemoria, Cranopsis, Zeidora, Rimula, Emarginula, Scutus and *Tugalia*, by A. Adams and G. B. Sowerby, *2nd of the name.*

The last two parts, containing the monographs on *Turbo* and the continuation of those on *Conus* and *Voluta*, are by G. B. Sowerby, *3rd of the name.*

Sowerby (G. B.) *2nd of the name.* Popular British Conchology. A familiar history of the Molluscs inhabiting the British Isles. *pp. xii, 304 : 20 pls. col.* 8°. *London*, 1854.

Sowerby (G. B.) *2nd of the name.* Foraminifera from the Colne tidal river, Essex. *1 pl., with descriptive letterpress.* 8°. [*London*,] 1856.

Sowerby (G. B.) *2nd of the name.* Popular history of the Aquarium of marine and fresh-water Animals and Plants. *pp. xvi, 327 : 20 pls. col.* 8°. *London*, 1857.

Sowerby (G. B.) *2nd of the name.* Companion to Mr. Kingsley's "Glaucus," containing coloured illustrations of the objects mentioned in the work, accompanied by descriptions. *pp. 48 : 12 pls. col.* 8°. *Cambridge*, 1858.

Sowerby (G. B.) *2nd of the name.* Illustrated Index of British Shells. Containing figures of all the recent species, with names and other information. *pp. xv, 24 pls., with descriptive letterpress.* 4°. *London*, 1859.

—— Second edition, revised and enlarged by G. B. Sowerby [*3rd of the name*]. *pp. xvi : 26 pls. col., with descriptive letterpress.* 4°. *London*, 1887.

Sowerby (G. B.) *2nd of the name.* Conchologia Iconica . . . continued by G. B. Sowerby. Vol. [XV–] XVIII–XX. *See* REEVE (L. A.) 4°. (1870–) 1878.

Sowerby (G. B.) *2nd of the name.* Malacostraca Podophthalmata Britanniæ . . . continued and completed, with a new generic and specific index to the whole, and seven new plates, by G. B. Sowerby. No. 18, 19. *See* LEACH (W. E.) 4°. 1875.

Sowerby (G. B.) *2nd of the name.* Specimen plate [of Natural History objects]. *2 copies (1 plain, 1 col.)* 4°. *London* [ ].

Sowerby (G. B.) *2nd of the name*, & **Adams** (A.) Monographs of the genera *Cemoria, Cranopsis, Zeidora, Rimula, Emarginula, Scutus & Tugalia.* *See* SOWERBY (G. B.) *2nd of the name.* Thesaurus Conchyliorum, &c. Vol. III. 4°. 1863.

Sowerby (G. B.) *2nd of the name*, & **Gray** (J. E.) The Conchological Illustrations, or coloured figures of all the hitherto unfigured recent Shells, by G. B. Sowerby, Junr., with the corresponding text of a Descriptive Catalogue of Shells, by J. E. Gray. *pp. 22, 2.* 8°. *London*, 1832.

This text was never issued : the plates which were prepared for it were published with fresh text, under the same title, between 1832 and 1841, by G. B. Sowerby, *2nd of the name.* [*Cf.* note by C. DAVIES SHERBORN in "Proc. Malac. Soc. Lond." Vol. VIII, 1909, p. 331.]

—— [Another copy.] *pp. 22, 2 : 1 pl. col.*

Interleaved copy, with manuscript notes by J. E. Gray. A letter by Sowerby is bound in at the end.

SOWERBY (GEORGE BRETTINGHAM) *3rd of the name* [1843–] Appendix (second supplement) to Monograph of the genus *Conus.* (—Completion of the . . . Monographs of *Voluta* . . . and *Melo.*—A Monograph of the genus *Turbo.*) *See* SOWERBY (G. B.) *2nd of the name.* Thesaurus Conchyliorum. Vol. I, III & V. 4°. 1864–87.

Sowerby (G. B.) *3rd of the name.* Illustrated Index of British Shells . . . Second edition, revised and enlarged by G. B. Sowerby [*3rd of the name*]. *See* SOWERBY (G. B.) *2nd of the name.* 4°. 1887.

Sowerby (G. B.) *3rd of the name.* Marine Shells of South Africa. A Catalogue of all the known species with references to figures in various works, descriptions of new species, and figures of such as are new, little known, or hitherto unfigured. *pp. iv, 89 : 5 pls.* 4°. *London*, 1892.

—— Appendix. *pp.* [*i,*] *42 : 3 pls.* 4°. *London*, 1897.

SOWERBY (HENRY) [1825–1891] Popular Mineralogy; comprising a familiar account of Minerals and their uses. *pp. viii, 344 : 20 pls. col.* 8°. *London*, 1850.

SOWERBY (JAMES) [1757–1822] [A Botanical Drawing-Book : or, an easy introduction to drawing flowers according to Nature, &c. obl. fol. *London*, 1789.]

Wanting.

—— Second edition, &c. *10 pls., with descriptive letterpress.* obl. fol. *London* [1791].

Sowerby (JAMES) Speculum Linnæanum ; or Linnæan Zoology ; containing a complete illustration of the Zoological part of the Systema Naturæ of Linnæus : with figures . . . by J. Sowerby. *See* SHAW (G.) *F.R.S.* 4°. 1790.

Sowerby (JAMES) English Botany ; or, coloured figures of British Plants, with their essential characters, synonyms, and places of growth. To which will be added, occasional remarks. (By J. E. Smith . . . The figures) By J. Sowerby. 36 Vol. [in 6] *illust. col.*
8°. *London*, 1790–1814.

The text (except that to Pls. xvi, xvii & xviii by G. Shaw) was written by Sir J. E. Smith, whose name, however, appears for the first time on the title-page to Vol. IV.
The plates have been mounted on sheets with the original drawings.

—— General Indexes . . . to which is added, an alphabetical index to English Fungi; making together, a catalogue of indigenous British Plants.
8°. *London*, 1814.

—— Supplement . . . The descriptions, synonyms, and places of growth by W. J. Hooker (W. Borrer . . . C. C. Babington . . . M. J. Berkeley . . . W. Wilson . . . W. W. Newbould)...The figures by J. De C. Sowerby (and J. W. Salter). 5 Vol. [in 1] *illust. col.* 8°. *London*, 1831–63.

The plates mounted on sheets are kept with those of the main work.

—— Second (or small) edition . . . with the descriptions shortened, and occasional remarks added. [Edited (Vol. I & II) by J. De C. Sowerby and (Vol. III–XII) C. Johnson.] 12 Vol. *illust. col.* 8°. *London*, [1832,] 1835–46.

[—— Third edition, *&c.* Vol. I–VII.†
8°. *London*, (1847-) 1849–54.]

Wanting.
Issued in 80 monthly parts. It consists of a re-issue of the first seven volumes of the preceding with new title-pages, while the plates bear a double numeration throughout. The announcements on the back of the wrappers show that the issue was confined to the section Phanerogamia.

—— Third edition . . . re-arranged according to the natural orders . . . With descriptions of the species by the editor. *See* SYME afterwards BOSWELL (J. T. I.)
4°. 1863–86.

Sowerby (JAMES) A Specimen of the Botany of New Holland . . . The Figures by J. Sowerby, *&c.* Vol. I. *See* SMITH (*Sir* J. E.) 4°. 1793.

Sowerby (JAMES) Coloured figures [with descriptions] of English Fungi or Mushrooms. 3 Vol. & Suppt. *440 pls. col.* fol. *London*, [1795–] 1797–1809 [–15].

The first six plates and several at the end of the Suppt. are undated; the earliest date is 1795, the latest Nov. 1814.
The original water-colour drawings for the plates have been incorporated in the collection in the Botanical Department.
For tables correlating the *Hymenomycetes* described in this work with the species of Fries, *See* LAPLANCHE (M. C. DE) 'Dictionnaire iconographique des Champignons.'

Sowerby (JAMES) Exotic Botany: consisting of coloured figures . . . of . . . rare Plants . . . by J. Sowerby, *&c.* 2 Vol. *See* SMITH (*Sir* J. E.) 4°. 1804–05.

Sowerby (JAMES) The British Miscellany : or coloured figures of new, rare, or little known Animal Subjects ; many not before ascertained to be inhabitants of the British Isles; and chiefly in the possession of the author. [Alphabetical Index.] 2 Vol. [in 1] *76 pls. col., with descriptive letterpress.* 4°. *London*, 1804–06 [–75].

Issued in twelve numbers. Vol. II stops short at p. 31.

Sowerby (JAMES) British Mineralogy: or coloured figures intended to elucidate the Mineralogy of Great Britain. 5 Vol. *550 pls. col., with descriptive text.*
8°. *London*, [1802–] 1804–17.

As shown by a copy of the first volume in the original wrappers, and by the dates on the plates throughout, the first part of this work was issued 1 Nov., 1802, and subsequent parts up to 1 Oct., 1805, appeared on the first of each month. No part seems to have been issued for November of that year, and publication then proceeded on alternate months beginning with February in 1806, with January in 1807, and with February again for the years 1808 to 1811. The issue then became irregular, parts appeared in February, April, June and August 1812, in February, July, September and November 1813, terminating with *pl. div.*
Pls. lv and *lvi*, although dated 1 Jan., 1804, were issued 1 Dec., 1803. (Note on wrapper to pt. 14.) Only one plate bears date 1 Jan., 1807: there are also single plates dated 1 May, 1808, 1 Sept., 1808, 1 Jan., 1811, and 1 May, 1812, but these seem to be errors. *Pl. ccccxxxiv* has no date, but probably appeared 1 Dec., 1811. *Pls. dv–dxii* are dated 1816 only; *pls. dxiii–dxx*, 1 May, 1816; *pls. dxxi–dxxviii*, 1 July, 1816; *pls. dxxix, dxxxii, dxxxiv–dxxxvi*, 1 Sept., 1816; whilst *pls. dxxx, dxxxi, dxxxiii* and *dxxxvii–dl* are undated,

[**Sowerby** (JAMES) British Mineralogy, *&c.* (contd.)]

The text at first was not always issued with the illustrations. In the copy of Vol. I above referred to, it was obviously not all in the origioal state of issue, but by computation the following dates may be assigned for that volume :—*pp. 1–32*, 1 Nov., 1802; *pp. 33–64*, 1 July, 1803; *pp. 65–96*, 1 Jan., 1804; *pp. 97–112*, 1 April, 1804; *pp. 113–136*, 1 May, 1804; *pp. 137–152*, 1 June, 1804; *pp. 153–156*, 1 July, 1804; *pp. 157–168*, 1 Aug., 1804; *pp. 169–184*, 1 Sept., 1804; *pp. 185–200*, 1 Oct., 1804; *pp. 201–216*, 1 Nov., 1804; *pp. i–xii, 217–224*, and two leaves to replace *pp. 129, 130*, 1 Dec., 1804.
Subsequently, judging from the note on the wrappers to the "Exotic Mineralogy," the text accompanied the plates belonging to it.

Sowerby (JAMES) Exotic Mineralogy: or, coloured figures of foreign Minerals, as a supplement to British Mineralogy. 2 Vol. *169 pls. col., with descriptive letterpress.* 8°. *London*, 1811–17 [–20].

From a nearly complete copy in the original wrappers the dates of issue of the parts were as follows :—

Vol. I,	no. 1,	pp. 1– 12 :	pls.	i–vi,	1 March	
,, ,,	,, 2,	,, 13– 24 :	,,	vii–xii,	1 June	
,, ,,	,, 3,	,, 25– 38 :	,,	xiii–xviii,	1 Aug.	1811.
,, ,,	,, 4,	,, 39– 50 :	,,	xix–xxiv,	1 Oct.	
,, ,,	,, 5,	,, 51– 62 :	,,	xxv–xxx,	1 Dec.	
,, ,,	,, 6,	,, 63– 74 :	,,	xxxi–xxxvi,	1 Feb.	
,, ,,	,, 7,	,, 75– 86 :	,,	xxxvii–xlii,	1 April	1812.
,, ,,	,, 8,	,, 87– 98 :	,,	xliii–xlviii,	1 June	
,, ,,	,, 9,	,, 99–110 :	,,	xlix–liv,	1 Aug.	
,, ,,	,, 10,	,, 111–122 :	,,	lv–lx,	1 July	
,, ,,	,, 11,	,, 122–134 :	,,	lxi–lxvi,	1 Sept.	1813.
,, ,,	,, 12,	,, 135–146 :	,,	lxvii–lxxii,	1 Nov.	
,, ,,	,, 13,	,, 147–158 :	,,	lxxiv–lxxix,	1 March	1817.

["It was intended to have published the Turquois in Tab. 73, but it has been found necessary to postpone that plate." (Note on wrapper to No. 13.)]

Vol. I,	no. 14,	pp. 159–170 :	pls.	lxxx–lxxxv,	1 May	
,, ,,	,, 15,	,, 171–182 :	,,	lxxxvi–xci,	1 July	
[,, ,,	,, 16,	,, 183–191 :	,,	xcii–xcviii,	1 Sept.]	1817.
,, ,,	,, 17,	,, 192–195 :	,,	xcix–civ,	1 Nov.	
,, II,	,,	,, 1– 12 :	,,			
,, ,,	,, 18,	,, 13– 24 :	,,	cv–cx,	1 Jan.	
,, ,,	,, 19,	,, 25– 36 :	,,	cxi–cxvi,	1 March	
,, ,,	,, 20,	,, 37– 52 :	,,	cxvii–cxxii,	1 May	1818.
,, ,,	,, 21,	,, 53– 64 :	,,	cxxiii–cxxviii,	1 July	
,, ,,	,, 22,	,, 65– 76 :	,,	cxxix–cxxxiv,	1 Sept.	
,, ,,	,, 23,	,, 77– 88 :	,,	cxxxv–cxl,	1 Nov.	
,, ,,	,, 24,	,, 89–100 :	,,	cxli–cxlvi,	1 Jan.	
,, ,,	,, 25,	,, 101–112 :	,,	cxlvii–cliii,	1 March	1819.
,, ,,	,, 26,	,, 113–124 :	,,	cliii–clviii,	1 May	
,, ,,	,, 27,	,, 125–140 :	,,	clix–clxiii,	1 March	1820.

Six more parts had been projected, but only one (or two?), containing pls. clxiv–clxix with their text, pp. 141–151, ever appeared.
An Index has been added in manuscript.

Sowerby (JAMES) The Mineral Conchology of Great Britain ; or coloured figures and descriptions of those remains of Testaceous Animals or Shells, which have been preserved at various times, and depths in the earth. (. . . Continued [Vol. V–VII] by J. D. C. Sowerby.) [With supplementary indexes and notes to the first four volumes, by J. Farey.] 7 Vol. *illust col.*
8°. *London*, 1812–29 (–46).

Vol. VII was not completed : it consists of eight parts, and has no title-page or index.
For papers on the dates of publication of the 113 parts, *See* E. RENEVIER, "Bull. Soc. Vaudoise Sci. nat.," tom. IV, 1855, p. 318; and E. R. SYKES, "Proc. Malac. Soc. Lond.," Vol. VII, 1906, p. 191.
The Geological Department possesses :—One complete copy, without the original wrappers, but with a manuscript list by J. De C. Sowerby of the dates of their issue ; another complete copy, in which the wrappers to the parts of Vol. VII have been kept ; and a third copy, in which the contents have been bound in systematic order; whilst there is also a set of the first fifty parts in the original wrappers.

—— Systematical, stratigraphical, and alphabetical Indexes to the first six volumes . . . to which is added a short account of the Life of the author by J. D. C. Sowerby. *pp.* [*ii,*] *241–250, 11 : 1 port.*
8°. *London*, 1834 [*i.e.* 1835–40].

This brochure had a composite origin. The title-page, dated 1834, would seem to have been struck off first to serve as a prospectus. The "Preface to the Indexes" is dated July, 1835. The "Systematical Index" is paged in continuation of Vol. VI of the "Mineral Conchology." These, with the portrait, were published as No. 105 of the last-named work in Aug. 1835; whilst the separately-paged "Alphabetical Index" was subsequently issued in the first part (No. 106) of Vol. VII, in March, 1840.
The "Stratigraphical Index" and the "Life of the author" were never issued.
In addition to the copies included in the complete sets of the "Mineral Conchology," the Geological Department has one, without the portrait or the preface, that belonged to T. Davidson, and contains his manuscript notes and sketches. Also a copy of the "Systematical Index" that was marked in manuscript by J. De C. Sowerby to form an index to the collection delivered to the British Museum in 1861, and has, in addition, his manuscript index to the first seven parts of Vol. VII of the "Mineral Conchology."

Sowerby (James) Conchologie [*sic*] Minéralogique de la Grande Bretagne . . . Traduction Française, revue et corrigée par L. Agassiz. [Pt. I.] *pp. 52 : 21 pls. col.* 8°. *Neuchâtel*, 1837.

A copy of the first part as originally issued.
Plates 13–16 are misnumbered 9–12.

Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais [with notes] par E. Desor. Atec [*sic*] un avant-propos et des notes . . . par L. Agassiz. *pp. viii, 682 : 404 pls. col.* [in 2 Vol.] 8°. *Soleure*, [1837–] 1845.

In the first part of this issue, pp. 15 & 16, 35 & 36, 45–52 have been replaced by others with altered text; the date 1844 appears on p. 52. Otherwise this part seems identical with the 1837 issue.
The following pages are also replacements of prior issues, viz.:— pp. 87–90, 101 & 102, 123 & 124.
Plates 13–16 and 379–403 are misnumbered 9–12 and 371–395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a–c.
The work was published in 20 parts, but nothing is at present known concerning their dates of issue beyond the records in Kayser's "Index Librorum," which gives, No. 1–5, 1837–40; No. 7, 1841; and No. 8–20, 1842–45; or the statement in the "Bull. Soc. Géol. France" (Sér. II, tom. III, p. 806) that No. 13–20 were received in 1845.

Sowerby (James) J. Sowerby's Mineral-Conchologie Grossbrittaniens . . . Deutsch bearbeitet von E. Desor. Durchgesehen und mit Anmerkungen und Berichtigungen versehen von . . . L. Agassiz. *pp. 689 : 404 pls. col.* [in 2 Vol.] 8°. *Solothurn*, [1837–] 1842–44.

Wanting plate 275, for which examples of the origioal plates (429 & 430) have been inserted.
Plates 13–16 and 379–403 are misnumbered 9–12 and 371–395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a–c.
The work was published in 20 parts. Part 1 was originally issued at Neuchatel in 1837 and re-issued at Brunswick in 1840. From records in the "Neues Jahrb. f. Mineral." it seems that lief. 1–3, *pp. 1–124 : pls. i–lx* appeared in 1840; lief. 4–8, *pp. 125–286 : pls. lxi–clvii* in 1841; and lief. 9, *pp. 287–506 : pls. clviii–clxxviii* in 1842; whilst Kayser ("Index Librorum") gives lief. 9–20, 1842–44.

Sowerby (James) Malacostraca Podophthalmata Britanniæ . . . illustrated . . . by J. Sowerby. No. 1–17. *See* Leach (W. E.) 4°. 1815–20.

Sowerby (James) The Genera of Recent and Fossil Shells, for the use of students in Conchology and Geology. Commenced by J. Sowerby . . . and continued by G. B. Sowerby [*1st of the name*] . . . with . . . plates by J. Sowerby and J. D. C. Sowerby. 2 Vol. *267 pls. col., with descriptive letterpress.* 8°. *London*, 1820–25 [–34].

The last plate is numbered 279; but no plates were issued with the numbers 30, 162, 163, 164, 169, 170, 173, 174, 175, 260, 258 & 268. The title-pages and index were added after the sale of the stock in 1875. A set of the original wrappers from No. 2–42 (the last) is bound in at the end.
For dates of issue of the various parts, *See* note by C. D. Sherborn, Ann. & Mag. Nat. Hist., Ser. VI, vol. XIII, 1894, pp. 370–1, and further notes by E. R. Sykes, Proc. Malac. Soc. Lond., Vol. VII, 1906, p. 194.

—— [Another copy.]

Without title-pages or index: plates nnnnmbered. The genera are arranged alphabetically, and bound text and plates apart in 4 Vol.

Sowerby (James) A Catalogue of Fossils, from the Mountain Limestone of Great Britain, extracted from the works of Messrs. Philips [*sic*] and Sowerby. *See* Phillips (J.) 8°. 1837.

Sowerby (James) [A coloured plate, representing *Passiflora quadrangularis*, by J. Sowerby.] s.sh. [ ]

Sowerby (James) [Three original water-colour drawings for the first edition of the Hortus Kewensis.] *See* Aiton (W.) fol. 1787–88.

Banksian MS. No. 17.

Sowerby (James) [103 original coloured drawings to illustrate Fasc. II–IV of J. Dickson's Fasciculus Plantarum Cryptogamicarum Britanniæ.] fol. [1789 ?–1801 ?]

Banksian MS. No. 21. *Vide* Dryander's Cat. Bibl. Banks, Vol. III, p. 220: foll. 61–103 were added subsequently to the printing of that Catalogue.

Sowerby (James) Guide to Sowerby's Models of British Fungi in the . . . British Museum . . . By W. G. Smith. *See* British Museum (Natural History). *Botany. [Guides.]* 8°. 1893.

—— [Another issue.] 8°. 1898.

—— Second edition, *&c.* 8°. 1908.

Sowerby (James) Illustrations of type specimens of Inferior Oolite Ammonites in the Sowerby Collection, *&c.* Pls. I–VII. *See* Palæontological Society. 4°. 1908.

Several of the plates have been prepared with the assistance of S. S. Buckman.

SOWERBY (James) *the Younger* [1815–1834] The Mushroom and Champignon illustrated, compared with, and distinguished from, the poisonous Fungi that resemble them. [*pp. viii :*] *5 pls.* (*col.*) 4°. *London*, 1832.

SOWERBY (James De Carle) [1787–1871] The Genera of Recent and Fossil Shells . . . with . . . plates by . . . J. D. C. Sowerby. *See* Sowerby (James). 8°. 1820–25 [–34].

Sowerby (James De C.) *See* Zoological Journal, *The* . . . Conducted by . . . J. De C. Sowerby, *&c.* Vol. I & II. 8°. 1825–26.

Sowerby (James De C.) The Mineral Conchology of Great Britain . . . By J. Sowerby, continued [Vol. V–VII] by J. D. C. Sowerby. *See* Sowerby (James). 8°. 1825–29 (–46).

—— Systematical . . . and alphabetical Indexes to the first six volumes . . . to which is added a short account of the Life of the author by J. D. C. Sowerby. 8°. 1834 [*i.e.* 1835–40].

Sowerby (James De C.) Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais par E. Desor, *&c.* *See* Sowerby (James). 8°. [1837–] 1845.

Sowerby (James De C.) J. Sowerby's Mineral-Conchologie Grossbrittaniens . . . Deutsch bearbeitet von E. Desor, *&c.* *See* Sowerby (James). 8°. [1837–] 1842–44.

Sowerby (James De C.) English Botany . . . Supplement . . . The figures by J. De C. Sowerby, *&c.* *See* Sowerby (J.) 8°. 1831–63.

—— Second (or small) edition, *&c.* [Edited (Vol. I & II) by J. De C. Sowerby.] 8°. [1832,] 1835.

—— Third edition, *&c.* Vol. I–XI. *See* Syme afterwards Boswell (J. T. I.) 8°. 1863–72.

Sowerby (James De C.) [List of Freshwater Mollusca from northern Canada.] *See* Richardson (*Sir* J.) Fauna Boreali-Americana, *&c.* Pt. III. 4°. 1836.

Sowerby (James De C.) [For descriptions of Fossil Shells from Australia] *See* Mitchell (*Sir* T. L.) Three expeditions into the interior of eastern Australia, *&c.* Vol. I. 8°. 1838.

Sowerby (James De C.) Descriptions of the Fossils from Bracklesham Bay, Selsey and Bognor. Notes and descriptions of new species . . . Foraminifera.—Annelida.—Mollusca.—Descriptions of the Shells of the Chalk formation. *See* Dixon (F.) The Geology and Fossils of Sussex, *&c.* 4°. 1850.

—— [Another edition entitled :] The Geology of Sussex . . . New [Second] edition, *&c.* 4°. 1878.

Sowerby (James De C.) Illustrations of Type Specimens of Inferior Oolite Ammonites in the Sowerby Collection, *&c.* Pls. I–VII. *See* Palæontological Society. 4°. 1908.
Several of the plates have been prepared with the assistance of S. S. Buckman.

Sowerby (James De C.) [Twenty-nine sheets of] Drawings of Mosses, from which the plates of Muscologiæ Hibernicæ Spicilegium [by D. Turner (*q.v.*)] were engraved, made by J. Sowerby, Junr. [*i.e.* J. De C. Sowerby] at Yarmouth, August 1803. fol. [1803.]

Sowerby (James De C.) [65 water-colour drawings of Chelonia, forming the originals for the plates, published and unpublished, to T. Bell's "Monograph of the Testudinata" and Sowerby & Lear's "Tortoises," *&c.*] fol.

Sowerby (James De C.) & **Lear** (E.) Tortoises, Terrapins and Turtles, drawn from life. [With introduction and explanatory text by J. E. Gray.] *pp. xxiv, 16 : 60 pls. col.* fol. *London, &c.*, 1872.
This work consists of the plates originally drawn for T. Bell's "Monograph of the Testudinata" [*q.v.*]. Only forty of the plates had been published when that work was stopped. A revised proof of Gray's text is bound up with the copy of Bell's monograph.

SOWERBY (James Frank) [1887–] List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] *See* Royal Botanic Society of London. 8°. [1908.]

SOWERBY (John Edward) [1825–1870] The Ferns of Great Britain : illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 4°. [1855.]

Sowerby (John E.) The Fern allies ; a supplement to the Ferns of Great Britain. Illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 4°. 1856.

Sowerby (John E.) The Grasses of Great Britain : illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 8°. [1857–61.]

Sowerby (John E.) British Wild Flowers. Illustrated by J. E. Sowerby, *&c.* *See* Johnson (C. P.) 8°. [1858–] 1860.

Sowerby (John E.) The Useful Plants of Great Britain . . . Illustrated by J. E. Sowerby. *See* Johnson (C. P.) 8°. 1861 [–62].

Sowerby (John E.) English Botany . . . The figures by . . . J. E. Sowerby . . . Third edition, *&c.* *See* Syme afterwards Boswell (J. T. I.) 8°. 1863–86.

Sowerby (John E.) An illustrated Key to the natural orders of British Wild Flowers, *&c.* *pp. 42 : 9 pls.* 8°. *London*, 1865.

SOYER-WILLEMET (Hubert Félix) [1791–1861] Mémoire sur le Nectaire, *&c.* *pp. 56* [*1*]. 8°. *Paris*, 1826.
Mém. Soc. Linn. Paris. Tom. v, 1827.

Soyer-Willemet (H. F.) Observations sur quelques Plantes de France suivies du Catalogue des Plantes Vasculaires des environs de Nancy. *pp. 195.* 8°. *Nancy*, 1828.

Soyer-Willemet (H. F.) Sur l'*Euphrasia officinalis* et les espèces voisines. — Sur les *Erica multiflora* et *vagans*. 8°. [*Nancy*, 1833.]
Mém. Soc. roy. Sci. Nancy. 1833–34, *pp. 23–39.*

Soyer-Willemet (H. F.) *Gnaphalium neglectum*, nouvelle espèce du groupe des Filaginées, avec des observations sur les autres espèces Françaises de ce groupe. *pp. 11 : 1 pl.* 8°. *Nancy*, 1836.
Mém. Soc. roy. Sci. Nancy. 1835.

Soyer-Willemet (H. F.) Sur le *Cerastium manticum* et quelques espèces de ce genre. — *Erodium chium* et *laciniatum*, plantes nouvelles pour la Flore Française, avec des notes sur quelques espèces de ce genre. *pp. 24.* 8°. *Nancy*, 1839.
Mém. Soc. roy. Sci. Nancy. 1838.

Soyer-Willemet (H. F.) & **Godron** (D. A.) Revue des Trèfles de la section *Chronosemium*. (Correction, *&c.*) *pp. 35* (*11*). 8°. *Nancy*, 1847.
Mém. Soc. roy. Sci. Nancy. 1846.
The senior author published some further observations in the same memoirs in 1852.

Soyer-Willemet (H. F.) & **Godron** (D. A.) Monographie des *Silene* de l'Algérie. *pp. 51.* 8°. *Nancy*, 1851.
Mém. Soc. roy. Sci. Nancy. 1850.

SPACH (Édouard) [1801–1879] Histoire naturelle des Végétaux. Phanérogames. 14 Tom. & Atlas. 8°. *Paris*, 1834–48.
Forming one of Roret's "Collection des Suites à Buffon."

Spach (É.) Dictionnaire universel d'Histoire naturelle . . . par MM. Arago . . . Spach, *&c.* 16 Vol. *illust.* (*col.*) *See* Orbigny (A. C. V. D. d'). 8°. [1839–] 1849.

—— [Another issue.] 8°. 1861.

—— Nouvelle édition, *&c.* 17 Vol. *illust.* (*col.*) 8°. [1867?]

Spach (É.) & **Jaubert** (H. F.) *Count.* Illustrationes Plantarum Orientalium, *&c.* 5 Vol. *See* Jaubert (H. F.) *Count* & Spach (É.) fol. 1842–57.

SPADA (Alessandro) Osservazioni stratigrafiche e paleontologiche concernenti la Geologia della Toscana, *&c.* [With notes by A. Spada.] *See* Savi (P.) & Meneghini (G.) 8°. 1851.

SPADA (Giovanni Giacomo) [1680–1774] Corporum Lapidefactorum agri Veronensis catalogus quæ apud J. J. Spadam . . . asservantur. Editio altera . . . cui accedunt annotationes, *&c.* *pp. 81 : 10 pls.* 4°. *Veronæ*, 1744.
Large-paper copy.

SPADA (Joannes Jacobus) *See* Spada (G. G.)

SPADONI (Paolo) [1764–1826] Pellegrinazioni alle Gessaje di Sant' Angelo, San Gaudenzio, Portone e Scapezzano nel dipartimento del Metauro e scoperti quivi fatte dal . . . P. Spadoni. *pp. 98 : 1 pl.* 8°. *Macerata*, 1813.

SPAE (D.) Mémoire sur les espèces du genre Lis, *&c.* *pp. 46.* *See* Brussels.—Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. xix. 4°. 1847.

SPAENDONCK (Gerrit van) [1746–1822] Fleurs desinées d'après nature, *&c.* Cahir I–IV. *16 pls.* fol. *Paris* [ ].
Wanting Cah. v & vi, pls. xvii–xxiv.

Spaendonck (G. van) Des Fleurs d'après la Nature par Spaendonck gemahlt [*sic*]. *70 water-colour drawings.* fol. [ ]
"Ex Bibliotheca Principis ab Isemburg. N^ro 103."

SPAETH (Franz) [Cassididæ from Dutch New Guinea.] *See* Wichmann (C. E. A.) Nova Guinea, *&c.* Vol. v, livr. 1 ; ix, livr. 1 & 3. 4°. 1906–13.

Spaeth (F.) [Cassidæ from the Kilimandjaro-Meru district.] *See* Sjöstedt (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. I. Coleoptera, no. 13. 4°. 1910.

SPAGNOLINI (Alessandro) [1833–1880] Catalogo degli Acalefi del Golfo di Napoli . . . Parte seconda. Discofori. *pp. 83.* 8°. *Milano*, 1871.
Atti Soc. Ital. Sci. Nat. Vol. xiv.

SPAIN. Memoria sobre la industria y legislacion de Pesca que comprende desde el año 1870 al 1874, redactada . . . por . . . J. de Salas y . . . F. García Solá. *pp. lxi, 741, 2 tabs.* 8°. *Madrid*, 1876.

SPAIN.—comisión de ingenieros de minas. [*Maps.*] Mapa Geológico de España . . . formado . . . bajo la dirección del Inspector . . . M. Fernandez de Castro. 1889–1893. Escalas de 1 : 1,500,000 [*i.e.* 1 in. = 23⅞ m. about]. s.sh. *col. Madrid* [1894].

SPAIN.—comisión de la flora forestal española. *See* infra, ministerio de fomento.

SPAIN.—comisión del mapa geológico de españa. *See* infra, Instituto Geológico de España.

SPAIN.—comisión permanente de pesca. Anuario . . . Resumen de sus trabajos y noticias referentes á la Industria Pesquera, redactado . . . por . . . C. Fernandez. Año i & ii. 8°. *Madrid*, 1868–69.

Spain.—comisión permanente de pesca. Exploracion cientifica de las costas del departamento marítimo del Ferrol, verificada de órden del Almirantazgo por el vocal de la Comisión . . . D. M. de la Paz Graells en el verano de 1869. *pp. 540 : 16 pls.* 8°. *Madrid*, 1870.

SPAIN.—instituto geológico de españa.
[1849 Founded as *Comisión del Mapa Geológico de España.*
1859 *Junta General de Estadística de España.*
1870 *Comisión del Mapa Geológico de España*, separated from the *Junta, &c.*
1873 *Comisión del Mapa Geológico de España* reorganized.
1910 *Instituto Geológico de España.*]
Boletín, &c. Tom. i→ 8°. *Madrid*, 1874→
With Vol. ii, vii, xi & xiv of the Boletín are published a series of plates, accompanied by text, "Sinopsis de las especies fósiles que se han encontrado en España, por L. Mallada (1875–92)."
An index to Tom. i–xx is appended to Tom. xx.
Tom. xxi→ are also styled "Segunda Serie, Tom. i→ (1894→)."

Spain.—instituto geológico de españa. Memorias . . . Año de 1855. Parte Zoológica [Insecta], por D. M. de la Paz Graells. *pp. 111 : 7 pls. (col.)* 4°. *Madrid*, 1858.

Spain.—instituto geológico de españa. Ensayo de descripción geognóstica de la provincia de Teruel en sus relaciones con la Agricultura de la misma, por D. J. Vilanova y Piera. *pp. 312 : 10 pls., 1 map geol. col.* fol. *Madrid*, 1863.
The map is dated 1868.

Spain.—instituto geólogico de españa. Descripción física y geológica de la provincia de Madrid, por D. C. de Prado. *pp. xvi, 219 : 4 pls., text illust.* 4°. *Madrid*, 1864.

Spain.—instituto geólogico de españa. Descripción física y geológica de la provincia de Santander, por D. A. Maestre. *pp. 120 [7] : 1 map geol. col., text illust.* fol. *Madrid*, 1864.
The map is dated 1862.

Spain.—instituto geólogico de españa. [*Memorias. I.*] Bosquejo de una descripción física y geológica de la provincia de Zaragoza, por D. F. M. Donayre. *pp. 128 : 4 pls., 1 map col.* 8°. *Madrid*, 1873.
The wrapper is dated 1874.

Spain.—instituto geológico de españa. [*Memorias. II.*] Trabajos geodésicos y topográficos practicados por la comisión de estudio de las cuencas Carboníferas de Astúrias [by E. Cifuentes], &c. *pp. 143 : 3 plans.* 8°. *Madrid*, 1874.
One of the plans is dated 1873.

Spain.—instituto geológico de españa. [*Memorias. III.*] Descripción física, geológica y agrológica de la provincia de Cuenca, por D. de Cortázar. *pp. xvi, 406 : 3 pls. (1 col.), 1 map geol. col., text illust.* 8°. *Madrid*, 1875.

Spain.—instituto geológico de españa. [*Memorias. V.*] Descripción física, geológica y agrológica de la provincia de Valladolid, por D. de Cortázar. *pp. 211 [1] : 3 pls., 1 map geol. col., text illust.* 8°. *Madrid*, 1877.

Spain.—instituto geológico de españa. [*Memorias. VI.*] Descripción física y geológica de la provincia de Huesca, por L. Mallada. *pp. xv, 439 : 1 pl. col., 1 map geol. col., text illust.* 8°. *Madrid*, 1878.

Spain.—instituto geológico de españa. [*Memorias. VII.*] Descripción física y geológica de la provincia de Ávila, por D. F. M. Donayre. *pp. 297 [1] : 5 pls., 1 map geol. col., text illust.* 8°. *Madrid*, 1879.

Spain.—instituto geológico de españa. [*Memorias. VIII.*] Descripción física, geológica y minera de la provincia de Salamanca, por A. Gil y Maestre. *pp. xv, 299 [1] : 1 pl., 1 map geol. col.* 8°. *Madrid*, 1880.

Spain.—instituto geológico de españa. [*Memorias. IX.*] Descripción física, geológica y minera de la provincia de Barcelona, por D. J. Maureta y D. S. Thós y Codina. *pp. 487 : 6 pls. (col.), 6 maps (col.), text illust.* 8°. *Madrid*, 1881.

Spain.—instituto geológico de españa. [*Memorias. X.*] Descripción física, geológica y agrológica de la provincia de Valencia, por D. de Cortázar . . . y M. Pato. *pp. xi, 417 : 1 pl. col., 1 map geol. col., text illust.* 8°. *Madrid*, 1882.

Spain.—instituto geológico de españa. [*Memorias. XI.*] Descripción física y geológica de la provincia de Zamora, por D. G. Puig y Larraz. *pp. 488 : 1 pl., 1 map geol. col., text illust.* 8°. *Madrid*, 1883.

Spain.—instituto geológico de españa. [*Memorias. XII.*] Descripción física y geológica de la provincia de Guipúzcoa, por D. R. Adán de Yarza. *pp. 175 : 8 pls. (7 col.), 1 map geol. col., text illust.* 8°. *Madrid*, 1884.

Spain.—instituto geológico de españa. [*Memorias. XIII.*] Descripción física y geológica de la provincia de Álava, por D. R. Adán de Yarza. *pp. 175 [1] : 2 pls. col., 1 map col., text illust.* 8°. *Madrid*, 1885.

Spain.—instituto geológico de españa. [*Memorias. XIV.*] Descripción física, geológica y minera de la provincia de Huelva, por D. J. Gonzalo y Tarin. 2 Tom. *illust.* 8°. *Madrid*, 1886–88.
The maps are dated respectively 1887 & 1889.

Spain.—instituto geológico de españa. [*Memorias. XV.*] Descripción física, geológica y agrológica de la provincia de Soria, por D. P. Palacios. *pp. 558 [1] : 5 pls. (2 geol. col.), 1 map geol. col., text illust.* 8°. *Madrid*, 1890.
The map is dated 1888.

Spain.—instituto geológico de españa. [*Memorias. XVI?*] Descripción física y geológica de la provincia de Vizcaya, por R. Adán de Yarza [y Torre]. *pp. 192 [1] : 6 pls. (2 geol. col.), 2 maps geol. col., text illust.* 8°. *Madrid*, 1892.
One of the maps is dated 1891.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
[*Memorias. XVII?*] Descripción física, geológica y minera de la provincia de Logroño, por D. R. Sánchez Lozano. *pp. 348 [3] : 15 pls. (2 geol. col.), 2 maps (1 geol. col.), text illust.* 8°. *Madrid*, 1894.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Comisión del Mapa Geológico de España. Su origen, vicisitudes y circunstancias actuales. [With Lists of Works and Fossils exhibited at the "Exposición de Minería en Madrid en 1883."] *pp. 62. See* supra, Boletín, *&c.* Tom. x. 8°. 1883.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Estado de los Trabajos de la Comisión del Mapa Geológico de España al terminar al año 1887. (— Indice de las publicaciones . . . durante los años 1873 á 1887 inclusive.) *pp. 20. See* supra, Boletín, *&c.* Tom. XIV. 4°. 1887.

With Tom. XIV of the Boletín was issued Sheet No. 28 (Madrid) of the "Mapa Geológico de España," 1 : 400,000, *q.v.* infra. [*Maps.*]

—— —— los años 1873 á 1888 inclusive. *pp. 23 : 1 map geol. col.* 8°. *Madrid*, 1889.

The map is No. 28 (Madrid) of the "Mapa Geológico de España," 1 : 400,000.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Explicación del Mapa Geológico de España, por L. Mallada. 6 Tom. *illust.* 8°. *Madrid*, 1895–1907.

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—— Parte segunda : Bivalvos marinos. *See* MARTINEZ Y SAEZ (F. DE P.) 4°. 1869 [*i.e.* 1870].

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Notes on other Plants, partly from native information. By J. A. Grant.
Note on Capt. Grant's collection of Plants. By T. Thomson.

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C. On some Venezuelan Birds . . . By P. L. Sclater . . . and O. Salvin.
D. Sertulum Naiguatense: Notes on a small collection of Alpine Plants from the summit of Naiguatá, in the Mountains of Caracas. By A. Ernst.
E. Description of Minerals and Ores from Venezuela. By J. Plant.
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4. C. von Linné såsom Geolog, af A. G. Nathorst. *pp. 50: 2 pls., text illust.*
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For publications relating to this Garden, *See* under these several headings.]

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[Founded 1567. Its modern representative is the *Kaiser-Wilhelms Universität (q.v.)*]
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[1802 Founded as *Société des Sciences, Agriculture et Arts de Strasbourg* by the amalgamation of three pre-existing societies.]
1824 *Société des Sciences, Agriculture et Arts du Département du Bas-Rhin.*
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,, 3. *Falco, Pyrrhocorax & Sterna*, by J. G. Wagler.]
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V. Die Insecten. 23 Bd. [in 6.] Atlas, *424 pls. col.* [in 2 Vol.] 1805–57.
[Each Bd. has a separate title, which reads "Deutschlands Insecten . . . Käfer."
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Hft. 5–8, by J. D. W. Hartmann von Hartmannsruthi, have a covering title, which reads: "System der Erd- und Süsswasser-Gasteropoden Europa's. In besonderer Hinsicht auf diejenigen Gattungen, welche in Deutschland und der Schweitz angetroffen werden."]

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1. Insects. By J. T. [*i.e.* J. L.] Leconte.
2. Mammals. By J. G. Cooper, G. Suckley and G. Gibbs.
3. I. Land Birds. By J. G. Cooper.
„ II. Water Birds. By G. Suckley.
4. Reptiles. By J. G. Cooper.
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There appears to be no text to maps 1–3.
The maps are on various scales.

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With No. 131 a map of 4 sh. *geol. col.* is issued, scale 1 : 100,000, and dated 1892.
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[For Geological maps] *See* supra, *Sveriges Geologiska Undersökning.*

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1888 to 1889	W. R. McNab.
1890 to 1894	H. A. Nicholson.
1895	J. G. Garson.
1896 to 1900	R. H. Traquair.
1901 to 1905	J. S. Flett.
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SWITZERLAND.—Société Géologique Suisse. (*Schweizerische Geologische Gesellschaft.*)
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SWITZERLAND. — Société Ornithologique Suisse. *See* GENEVA.

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A Census of the Plants of New South Wales, by C. Moore. *pp. 97.* 8°. *Sydney*, 1884.

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Report . . . upon certain peculiar habits and customs of the Aborigines of Western Australia. To accompany the collection of weapons, implements, etc., sent to the Exhibition at Sydney . . . 1879. *See* ROBERTSON (M.) 8°. 1879.

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There is a second, engraved title-page. The half-title, which is engraved, reads:—"A British Trophy in hooour of Linnæus."
The engraved title-pages to the third part, as well as some of the plates, are dated 1799. These (cf. Watt, "Bibl. Brit.") were apparently issued in that year under the title of:—"Botanical Plates of the New Illustration," &c. In its completed form the third part comprises 81 coloured plates, with descriptive letterpress.
The "Prize Dissertation" is stated to have been written in 1759.
A leaflet announcing the sale by lottery, under a Special Act (51 Geo. III, cap. 103) passed in 1811, of the author's collection of Paintings, Drawings, Engravings, and of copies of his works, has been inserted in this copy.
Meyer's copy of Ogburne & Bartolozzi's engraving of Hallman's portrait of Linnæus is placed at the beginning of Pt. 1, while Dunkarton's engraving of Hoffman's portrait of Linnæus in Lapland Dress, and engraved portraits of twenty-four other Botanists of note, are placed at the beginning of Pt. 2.

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1746 *Académie des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
1797 *Lycée de Toulouse.*
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1807 *Académie des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
1827 (or earlier) *Académie Royale des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
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1759 *Société Royale de Turin.*
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" III. Ethnographic sketch of the natives of Point Barrow. By Lieut. P. H. Ray.
" IV. Natural History, by J. Murdoch.—1. Mammals (2. Birds.—3. Fishes.—4. Insects.—5. Marine Invertebrates, exclusive of Mollusks) by J. Murdoch; 6. Mollusks, by W. H. Dall; 7. Collecting localities and dredging stations; 8. Plants, by A. Gray; Appendix.
" V. Meteorology.
" VI. Magnetism.
" VII. Tides.
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,, 2. Mammals . . . by E. W. Nelson and F. W. True.
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Vol. I. [Narrative.]
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Report . . . on the Agriculture of Madeira, the Cape of Good Hope, Mauritius, *&c.* By D. S. Green.
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Report . . . on the Botany, Ethnography, *&c.*, of the Island of Great Lew Chew. By C. F. Fahs.
Report . . . of a Geological exploration, *&c.*, of the Island of Great Lew Chew. By G. Jones.
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Birds collected in Japan (—China, the Loo Choo Islands, the Islands of Singapore and Ceylon, and on the coast of California). By J. Cassin.

[United States. [*Voyages, &c.—China Seas & Japan.*]
Narrative of the expedition, *&c.* (contd.)]
[Vol II (contd.).]
Notes on some figures of Japanese Fish, *&c.* By J. C. Brevoort.
Report on the Shells collected . . . together with a list of Japan Shells. By J. C. Jay.
Account of the Botanical Specimens. Prepared by A. Gray.
List of dried Plants collected in Japan. By S. W. Williams and J. Morrow.
Carex. By Dr. Boott.
Filices. By D. C. Eaton.
Musci and Hepaticæ. By W. S. Sullivant.
Algæ. By W. H. Harvey.
,, III. Observations on the Zodiacal Light, *&c.*

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Contains, *inter alia* :—
Art. IV. D. Ornithological Report . . . by J. Cassin.
,, ,, E. Botanical Report, by R. E. Griffith.
,, V. Geological reconnaissance of part of the Holy Land, by H. J. Anderson.
,, VI. Palæontological Report : Description of the Fossils of Syria, by T. A. Conrad.
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Appendix E. A description of the Indian antiquities brought from Chile and Peru . . . By T. Ewbank.
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Birds. By J. Cassin. | Crustacea. By C. Girard.
Reptiles. By C. Girard. | Shells. By A. A. Gould.
Appendix G. Botany.
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List of living Plants and Seeds. By W. D. Brackenridge.
Appendix H. Palæontology.
Description of a portion of the lower jaw and a tooth of the *Mastodon Andium* ; also of a tooth and fragment of the femur of a Mastodon from Chile. By J. Wyman.
Some remarks on the organic remains from Chile, with descriptions of the species, by T. A. Conrad.
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[*Fur Seal Fishery.*] Behring Sea Arbitration. 8 No. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 8°. & 4°. 1893.

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[*Fur Seal Fishery.*] Joint Statement of Conclusions signed by the British, Canadian, and United States' Delegates respecting the Fur Seal Herd frequenting the Pribyloff Islands in Behring Sea. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4°. 1898.

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,, II. Observations on the Fur Seals of the Pribilof Islands, 1872-1897, *&c.*
,, III. Special papers relating to the Fur Seal and to the Natural History of the Pribilof Islands [containing, *inter alia* :—]
7. Internal Parasites of the . . . Seal. By C. W. Stiles and A. Hassall.
16. Mammals of the . . . Islands. By F. W. True.
17. The Avifauna of the . . . Islands. By W. Palmer.
18. The Fishes of Bering Sea. By D. S. Jordan and C. H. Gilbert. (List of Fishes obtained in the waters of Arctic Alaska. By N. B. Scofield.)
19. A contribution to the Knowledge of the Tunicata of the . . . Islands. By W. E. Ritter.
20. The Mollusk Fauna of the . . . Islands. By W. H. Dall.
21. List of Insects . . . from the . . . Islands. By E. A. Schwarz. (Acarina. By H. Osborn.)
22. List of Crustacea . . . By M. J. Rathbun.
23. A List of the Plants . . . By J. M. Macoun (Lichens by W. W. Calkins).
24. Algæ of the . . . Islands. By W. A. Setchell.
,, IV. The Aslatic Fur-Seal Islands and Fur-Seal Industry. By L. Stejneger.
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Lepidoptera. By H. G. Dyar.
Hymenoptera, Rhynchota. By W. H. Ashmead.
Diptera, Siphonaptera. By D. W. Coquillett.
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[*Oyster Fishery.*] The history and present condition of the Fishery Industries . . . Section X, Monograph B. A Report on the Oyster-Industry of the United States. By E. Ingersoll. *pp. ii, 251 : 13 pls.* 8°. *Washington* [*D.C.*], 1881.

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The Fisheries and Fishery Industries of the United States. Prepared through the co-operation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. By G. B. Goode, *&c.*
8°. *Washington* [*D.C.*], 1884-87.

Sect. I. Natural History of useful Aquatic Animals. *pp. xxxiv, xx, 895 : 292 pls.* 1884.
Pt. I. Mammals.
A. The Whales and Porpoises. By G. B. Goode.
B. The Seals and Walruses. By J. A. Allen.
C. The Habits of the Fur-Seal. By H. W. Elliott.
D. The Manatees and the Arctic Sea Cow. By F. W. True.
,, 2. Reptiles and Batrachians. By F. W. True.
,, 3. Fishes. By G. B. Goode.
,, 4. Molluska in general. By E. Ingersoll.
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,, 5. Crustaceans, Worms, Radiates, and Sponges. By R. Rathbun.
,, II. A geographical review of the Fisheries Industries and Fishing Communities for the year 1880. *pp. ix, 787.* 1887.
,, III. The Fishing Grounds of North America . . . Edited by R. Rathbun. *pp. xviii, 238 : 4 pls., 49 maps.* 1887.
,, IV. The Fishermen of the United States. By G. B. Goode and J. W. Collins. *pp. 178 : 19 pls.* 1887.
,, V. History and Methods of the Fisheries. 2 Vol. & Atlas, *255 pls.* 1887.

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UNITED STATES.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

A Catalogue of Official Reports upon Geological Surveys of the United States and British Provinces. *See* AMERICAN JOURNAL OF SCIENCE, *&c.* Ser. II, vol. XLIII, pp. 116-121 & 399-404. 8°. 1867.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Geological report of an examination made in 1834, of the elevated country between the Missouri and Red Rivers. By G. W. Featherstonhaugh, *&c.* *pp. 97 : 1 pl. col.* 8°. *Washington* [*D.C.*], 1835.

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Report of a Geological Reconnoissance made in 1835 . . . by the way of Green Bay and the Wisconsin Territory to the Coteau de Prairie . . . By G. W. Featherstonhaugh, *&c.* *pp. 168 : 4 pls.* 8°. *Washington* [*D.C.*], 1836.
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United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Report of a Geological Exploration of part of Iowa, Wisconsin, and Illinois, made . . . in . . . 1839 . . . By D. D. Owen, *&c.* *pp. 161 : 23 pls.* (*5 col.*), *4 maps* (*3 col.*) 8°. [*Washington, D.C.*, 1840.]
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United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Report of the exploring expedition to the Rocky Mountains in . . . 1842, and to Oregon and North California, in . . . 1843-'44. By . . . J. C. Frémont. *pp. 583 : 24 pls., 3 maps.* 8°. *Washington* [*D.C.*], 1845.
Appendix :—
A. Nature of the Geological Formations, by J. Hall.
B. Descriptions of Organic Remains, by J. Hall.
C. Descriptions of some new genera and species of Plants, by J. Torrey and J. C. Frémont.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Letter . . . communicating a Report of a Geological Reconnoissance of the Chippewa land district of Wisconsin, and the northern part of Iowa, by D. D. Owen. *pp. 134: 38 pls. (14 col.), 1 map col.*
8°. *Washington* [*D.C.*], 1848.
Senate: 30th Congr., 1st Sess., Exec. No. 57.
This includes a Report by J. G. Norwood on the topography, *&c.*, of the Lake Superior regions of the State of Wisconsin.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Notes of a . . . reconnoissance, from Fort Leavenworth, in Missouri, to San Diego, in California, including parts of the Arkansas, Del Norte, and Gila Rivers. By W. H. Emory. *pp. 416: 42 pls., 1 map, text illust.*
8°. *Washington* [*D.C.*], 1848.
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,, 6. Natural History Notes of J. W. Abert—the Plants named by Prof. Torrey.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
[Report . . . communicating information in relation to the Geology and Topography of California. By P. T. Tyson. 8°. *Washington, D.C.*, 1850.]
Wanting.
Senate: Ex. Doc. No. 47.

—— [Another edition entitled:] Geology and Industrial Resources of California. By P. T. Tyson. To which is added the official reports of P. F. Smith (J. F. Frazer's report on Minerals, forwarded by P. F. Smith) . . . B. Riley . . . Talbot, Ord, Derby and Williamson, of their explorations in California and Oregon: and also of their examinations of routes for rail road communication eastward from those countries. *pp. xxxiv, 127, 37: 9 pls., 3 maps.* 8°. *Baltimore*, 1851.
This consists of the author's copies of the original "Report," to which an "Introduction" containing additional matter has been prefixed.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report on the Geology and Topography . . . of the Lake Superior land district, in the State of Michigan: by J. W. Foster and J. D. Whitney, *&c.* 2 Pt. *illust.*
8°. *Washington* [*D.C.*], 1850, 51.
House of Representatives: 31st Congr., 1st Sess., Ex. Doc. No. 69.
Pt. I. Copper lands. *pp. 224: 15 pls., 4 maps (3 geol. col.), text illust.* 1850.
Three of the plates are numbered in with the text.
One of the maps is a facsimile of a map of Lake Superior and the adjacent regions, made by the Jesuit missionaries in 1670 and 1671, and published in Paris in 1672.
,, II. The Iron Ore region, together with the general Geology. *pp. xii, 406: 33 pls., text illust.* 1851.
Pls. xxiii–xxv & xxxii are missing.
Contains, *inter alia*:—
Chap. IX. Lower Silurian System.—Continued by J. Hall.
,, X. Upper Silurian and Devonian series. By J. Hall.
,, XI. "On the Geology of the south-eastern portion of the State of Wisconsin; being the part not surveyed by the United States Geologists, in a letter to J. W. Foster, by I. A. Lapham," *&c.*
,, ,, Remarks upon the section from the Falls of Wolf River, through Navarino to Lake Michigan. By C. Whittlesey.
,, ,, The dip, bearing, and thickness of the Silurian Groups. By [C.] Whittlesey.
,, XII. Remarks on . . . Lower Silurian Limestones. By [J.] Hall.
,, XIII. Description of new or rare species of Fossils, from the Palæozoic series. By J. Hall.
,, XIV–XVI. On the superficial deposits of . . . the northern coast of Lake Michigan and western coast of Green Bay.—Of the Menomonee.—Of the valley of the Manistee.—Of the White-Fish.—Of the Escanába, *&c.* By E. Desor. (The ancient and present Deaches of Lake Michigan. By [C.] Whittlesey.)
,, XVIII. Parallelism of the Palæozoic deposits of the United States and Europe. By J. Hall.
,, XIX. On the observed fluctuations of the surfaces of the Lakes. By C. Whittlesey.
,, XX. Magnetic variations . . . By C. Whittlesey.
,, ,, Botany. By W. D. Whitney.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Exploration of the Red River of Louisiana, in . . . 1852: by R. B. Marcy . . . assisted by G. B. McClellan . . . with reports on the Natural History of the country, *&c.* *pp. xv, 320: 65 pls., 2 maps.* 8°. *Washington* [*D.C.*], 1853.
Senate: 32nd Congr., 2nd Sess., Exec. No. 54.
Appendix contains, *inter alia*:—
C. Mineralogy. By C. U. Shepard.
D. Geology.
Notes upon the specimens of Rocks and Minerals collected. By E. Hitchcock.
Remarks upon the general Geology of the country traversed. By G. G. Shumard.
E. Palæontology. Description of the species of Carboniferous and Cretaceous Fossils collected. By B. F. Shumard.
F. Zoology.
Mammals. By R. B. Marcy.
Reptiles. By S. F. Baird and C. Girard.
Fishes. By S. F. Baird and C. Girard.
Shells. By C. B. Adams and G. C. Shumard.
Orthopterous Insects. By C. Girard.
Arachnidians. By C. Girard.
Myriapods. By C. Girard.
G. Botany. Description of the Plants collected during the expedition. By J. Torrey.

—— [Re-issue.] *pp. xv, 286: 65 pls., 2 maps.*
8°. *Washington* [*D.C.*], 1854.
Differs from the preceding issue solely in having a new title-page, and in the more condensed setting of some of the tables in the Appendix.
In both issues there is no plate numbered xviii to the Botanical section, and the two maps are wanting.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report of an expedition down the Zuni and Colorado Rivers, by Capt. L. Sitgreaves. *pp. 198: 79 pls., 1 map.*
8°. *Washington* [*D.C.*], 1853.
Senate: 32nd Congr., 2nd Sess., Exec. No. 59.
Contains, *inter alia*:—
Report on the Natural History, by S. W. Woodhouse.
Mammals, by S. W. Woodhouse.
Birds, by S. W. Woodhouse.
Reptiles, by E. Hallowell.
Fishes, by S. F. Baird and C. Girard.
Botany, by J. Torrey.
Wanting Pl. 2 of the section on the Birds.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report upon the Colorado River of the West, explored in 1857 and 1858 by . . . J. C. Ives, *&c.* 6 Pt. [in 1 Vol.]
4°. *Washington* [*D.C.*], 1861.
Senate: 36th Congr., 1 Sess., Ex. Doc.
Pt. I. General Report. *pp. 131: 28 pls. (col.), 2 maps, text illust.*
,, II. Hydrographic Report. *pp. 14.*
,, III. Geological Report. By J. S. Newberry. *pp. 154: 6 pls., 2 maps, text illust.*
,, IV. Botany. By Profs. Gray, Torrey, Thurber, and Engelmann. *pp. 30.*
,, V. Zoology. By S. F. Baird. *pp. 6.*
Appendices. *pp. 32.*

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Geological report of the exploration of the Yellowstone and Missouri Rivers by . . . F. V. Hayden . . . 1859-'60. (Report on the Cretaceous and Tertiary Plants, by J. S. Newberry.) *pp. ix, 174: 1 map col.*
8°. *Washington* [*D.C.*], 1869.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Resources of the Pacific Slope. A . . . summary of the Mines and Minerals . . . and miscellaneous Productions of the States and Territories west of the Rocky Mountains. With a sketch of the . . . exploration of Lower California. By J. R. Browne. *pp. 674, 200.*
8°. *San Francisco*, 1869.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report upon the reconnaissance of northwestern Wyoming, including Yellowstone National Park, made . . . 1873 by W. A. Jones. *pp. vi, 331, 1 tab.: 5 pls., 51 maps (1 col.)* 8°. *Washington* [*D.C.*], 1875.
Contains, *inter alia*:—
Geological report. By T. B. Comstock.
Botanical report. By C. C. Parry. List of Plants collected.
Entomological report. By J. D. Putnam. List of Insects collected.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]
Report of a reconnaissance from Carroll, Montana Territory, on the Upper Missouri, to the Yellowstone National Park, and return, made in . . . 1875, by W. Ludlow, *&c. pp. iv, 141 : 2 pls., 3 maps, text illust.* 8°. *Washington* [*D.C.*], 1876.

Contains, *inter alia* :—
Zoological Report (List of Mammals and Birds), by G. B. Grinnell.
Geological Report, by E. S. Dana and G. B. Grinnell.
Descriptions of new species of Fossils, by R. P. Whitfield.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]
Report of the exploring expedition from Santa Fé, New Mexico, to the junction of the Grand and Green Rivers of the Great Colorado of the West, in 1859, under the command of Capt. J. N. Macomb . . . with Geological Report by . . . J. S. Newberry. *pp. vii, 152 : 22 pls. (col.), 1 map, text illust.* 4°. *Washington* [*D.C.*], 1876.

Contains, *inter alia* :—
Descriptions of the Cretaceous fossils. By F. B. Meek.
Descriptions of the Carboniferous and Triassic fossils. By J. S. Newberry.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]
Report of an exploration of parts of Wyoming, Idaho, and Montana, in . . . 1882, made by . . . P. H. Sheridan . . . with the itinerary of . . . J. F. Gregory, and a Geological and Botanical Report by . . . W. H. Forwood. *pp. 69 : 3 pls., 1 map.* 8°. *Washington* [*D.C.*], 1882.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]
Letter . . . transmitting . . . Report upon the coal on the (Deer-Creek Coal-field) White Mountain Reservation in Arizona. [By M. Bannon and C. D. Walcott.] *pp. 7 : 1 pl.* 8°. *Washington* [*D.C.*, 1885].

"Ex. Doc. No. 20," Senate, 48th Congr., 2nd Session.

UNITED STATES.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report . . . by J. W. Powell. *pp. 19 : 1 map.* 8°. *Washington* [*D.C.*], 1877.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology of the Henry Mountains. By G. K. Gilbert. (Report on the Lithologic characters of the Henry Mountain intrusives. By Capt. C. E. Dutton.) *pp. viii, 160 : 22 pls., 5 maps (1 col.), text illust.* 4°. *Washington* [*D.C.*], 1877.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Contributions to North American Ethnology. Vol. I. *pp. xiv, 361 : 10 pls., 2 maps col., text illust.* 8°. *Washington* [*D.C.*], 1877.

Pt. 1. Tribes of the extreme Northwest. By W. H. Dall.
„ 2. Tribes of western Washington and northwestern Oregon. By G. Gibbs.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
[Report on the Lands of the Arid Region of the United States, with a more detailed account of the Lands of Utah . . . By J. W. Powell. 4°. *Washington* (*D.C.*), 1878.]

Wanting.

—— Second edition. *pp. xv, 195 : 4 maps (col.)* 4°. *Washington* [*D.C.*], 1879.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology and Resources of the Black Hills of Dakota . . . By H. Newton . . . and W. P. Jenney. *pp. xv, 566 : 24 pls. (3 col.), 2 maps (1 col.), text illust.*
4°. & fol. *Washington* [*D.C.*] *& New York*, 1879, 80.

Geology. By H. Newton.
Mineral Resources. By W. P. Jenney.
Palæontology. By R. P. Whitfield.
Microscopic Petrography. By J. H. Caswell.
Botany. By A. Gray.
Astronomy, *&c.* By H. P. Tuttle.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology of the high plateaus of Utah . . . By C. E. Dutton. *pp. xxxii, 307 : 18 pls., 5 maps (2 col.)*
4°. & fol. *Washington* [*D.C.*] *& New York*, 1879, 80.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Chart of Geological Time. Prepared by E. E. Howell. s.sh. [*Washington, D.C.*? 187–.]

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Catalogue and Index of the Publications of the Survey, *&c. See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8°. 1904.

UNITED STATES.—GEOGRAPHICAL & GEOLOGICAL SURVEYS WEST OF THE MISSISSIPPI.
[Report from the Committee on Public Lands.] *pp. 92.* 8°. [*Washington, D.C.*, 1875.]

UNITED STATES.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Progress-Report . . . 1872, by . . . G. M. Wheeler. *pp. 56 : 5 pls., 1 map col.* 4°. *Washington* [*D.C.*], 1874.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Annual Report, *&c.* 1875–84. 10 No.
8°. *Washington* [*D.C.*], 1875–84.

Issued as appendices to the Ann. Repts. of the Chief of Engineers.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Catalogue of Plants collected in . . . 1871–73, with descriptions of new species. *pp. 62.*
8°. *Washington* [*D.C.*], 1874.

List of Plants collected in Nevada, Arizona, and Utah . . . in 1871 and 1872. (Botanical Report.) By S. Watson.
Preliminary Report on the Botany of Central Colorado. (By J. T. Rothrock.)
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Compositæ. [Identified by A. Gray.]
Coniferæ (named by J. Hnopes).
Carices. By S. T. Olney.
Gramineæ. Determined by G. Vasey.
Equisetaceæ—Filices—Lycopodiaceæ. [Identified by D. C. Eaton.]
Musci. By T. P. James.
Hepaticæ. By C. F. Austin.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Preliminary Report upon Invertebrate Fossils collected by the expeditions of 1871–73, with descriptions of new species. [By] C. A. White. *pp. 27.*
8°. *Washington* [*D.C.*], 1874.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report upon Ornithological Specimens collected in . . . 1871–73. *pp. 148.* 8°. *Washington* [*D.C.*], 1874.

Report upon and List of Birds collected [in Utah and Nevada] . . . in 1872 . . . By H. C. Yarrow and H. W. Henshaw.
An annotated List of the Birds of Utah. By H. W. Henshaw.
Report upon and List of Birds collected . . . in 1873 . . . By H. W. Henshaw.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report, *&c.* Vol. I–VI & Geological Atlas. 4°. & fol. *Washington* [*D.C.*], 1874–89.

Wanting Vol. VII, Archæology.

Vol. I. Geographical Report. *pp. 780: 38 pls., 3 maps col.* 1889.
,, II. Astronomy and Barometric Hypsometry. *pp. xiii, 571: 22 pls., text illust.* 1877.
,, III. Geology. *pp. 681: 14 pls., 2 maps, text illust.* Atlas, *12 maps col.* 1874, 75.
Pt. 1–5. Reports upon the Geology. By G. K. Gilbert, A. R. Marvine, E. E. Hewell, J. J. Stevenson.
,, 6. Report upon Mineralogical, Agricultural, and Chemical Conditions observed. By O. Loew.
,, ,, Geology. By J. J. Stevenson. (Appendix.—Report on the Carboniferous Invertebrate Fossils. By C. A. White.) *pp. 420, xxviii: 4 pls., text illust.* 1881.
,, IV. Pt. 1. Palæontology. Report upon the invertebrate fossils. By C. A. White. *pp. 12, 219: 21 pls., text illust.* 1875.
,, 2. —— Report upon the Extinct Vertebrata. By E. D. Cope. *pp. xii, 370: 62 pls., text illust.* 1877.
[These two parts were also issued in one volume dated 1877.]
,, V. Zoology. *pp. 1021: 45 pls. (28 col.), text illust.* 1875.
Chap. 1. Notes upon geographical Distribution and Variation. By H. C. Yarrow.
,, 2. Report upon the collections of Mammals. By E. Coues and H. C. Yarrow.
,, 3. Report upon the Ornithological collections. By H. W. Henshaw.
,, 4. Report upon the collections of Batrachians and Reptiles. By H. C. Yarrow.
,, 5. Synopsis of the Reptiles and Batrachians. By E. Coues.
,, 6. Report upon the collections of Fishes. By E. D. Cope and H. C. Yarrow.
,, 7. Report upon the collections of Hymenoptera, by E. T. Cresson; with list of Formicidæ, by E. Norton.
,, 8. Report upon the collections of Diurnal Lepidoptera, with notes, by T. L. Mead; and a list, by W. H. Edwards.
,, 9. Report upon new species of Zygænidæ and Bombycidæ. By R. H. Stretch.
,, 10. Report upon the collection of Diptera. By C. R. Osten-Sacken.
,, 11. Report upon the collections of Coleoptera. By H. Ulke.
,, 12. Report upon the collections of Hemiptera. By P. R. Uhler.
,, 13. Report upon the collections of Orthoptera [and Arachnida]. By C. Thomas.
,, 14. Report upon the collections of Neuroptera and Pseudo-Neuroptera. By H. A. Hagen.
,, 15. Report upon the collections of Terrestrial and Fluviatile Mollusca. By H. C. Yarrow.
,, 16. Report upon the collections of Freshwater Leeches. By A. E. Verrill.
,, VI. Botany. *pp. xx, 404: 31 pls. (1 col.)* 1878.
Chap. 1. Notes on Colorado. By J. T. Rothrock.
,, 2. Notes on New Mexico. By J. T. Rothrock.
,, 3. Notes on Economic Botany. By J. T. Rothrock.
,, 4. Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona, with descriptions of those not contained in Gray's Manual of the Northern U.S., and Vol. v, Geological exploration of the fortieth parallel. By J. T. Rothrock . . . and . . . S. Watson, G. Engelmann, T. C. Porter, M. S. Bebb, W. Boott, G. Vasey, D. C. Eaton, T. P. James, E. Tuckerman [and C. F. Austin].
Appendix. California collection.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Systematic Catalogue of Vertebrata of the Eocene of New Mexico. Collected in 1874. [By] E. D. Cope. *pp. 37.* 8°. *Washington* [*D.C.*], 1875.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Catalogue and Index of the Publications of the . . . Surveys, *&c.* *See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8°. 1904.

UNITED STATES.—GEOLOGICAL SURVEY OF WISCONSIN, IOWA & MINNESOTA.

Report of a Geological Survey of Wisconsin, Iowa, and Minnesota; and incidentally of a portion of Nebraska Territory . . . By D. D. Owen. *pp. 638: 46 pls. (col.), 4 maps (col.), text illust.* 4°. *Philadelphia*, 1852.

Contains, *inter alia*, geological reports by J. G. Norwood, C. Whittlesey and B. F. Shumard.
Description of the remains of extinct Mammalia and Chelonia, from Nebraska Territory . . . By J. Leidy.
Appendix.
Article 1. Description of new and imperfectly known genera and species of Organic remains . . . By D. D. Owen.
,, 2. Descriptions of . . . new genus and . . . new species of Crinoidea . . . By D. D. Owen and B. F. Shumard.
,, 3. Summary of the distribution of orders, genera, and species, in the Northwest.
,, 4. Additional Chemical Examinations. By D. D. Owen.
,, 5. Systematic Catalogue of Plants of Wisconsin and Minnesota. By C. C. Parry.
,, 6. Systematic Catalogue of Birds . . . By H. Pratten.

UNITED STATES.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Preliminary field report of the . . . Survey of Colorado and New Mexico . . . by F. V. Hayden. [Forming the third Annual Report of the Survey.] *pp. 155.* 8°. *Washington* [*D.C.*], 1869.

The two preceding Reports for 1867 and 1868 were published as part of the "Report of the Commissioner of the General Land Office" for those years.
The three were then issued as:—

First, Second, and Third Annual Reports of the . . . Survey . . . for the years 1867–69, *&c.* *pp. 261* [*1*]. 8°. *Washington* [*D.C.*], 1873.

Preliminary Report of the . . . Survey of Wyoming . . . (being a Second [*i.e.* Fourth] Annual Report of progress), *&c.* *pp. 511: text illust.* 8°. *Washington* [*D.C.*], 1871.

—— Survey of Montana . . . being a Fifth Annual Report of progress, *&c.* *pp. 538: 2 pls., 5 maps, text illust.* 8°. *Washington* [*D.C.*], 1872.

Wanting the Supplement "Report on Fossil Flora. By L. Lesquereux."

[*Continued as:*]

Annual Report, *&c.* No. 6–12†. 1872–78. 8°. *Washington* [*D.C.*], 1873–83.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Miscellaneous Publications. No. 1–12.† 8°. *Washington* [*D.C.*], 1873–80.

Wanting No. 2 & 9.
Each number contains a separately-paged paper.
No. 3. Birds of the Northwest: a handbook of the Ornithology of the region drained by the Missouri River and its tributaries. By E. Coues. *pp. xi, 791.* 1874.
,, 4. Synopsis of the Flora of Colorado, by T. C. Porter and J. M. Coulter. *pp. 180.* 1874.
,, 7. Ethnography and Philology of the Hidatsa Indians. By W. Matthews. *pp. vi, 239.* 1877.
,, 8. Fur-bearing Animals: a monograph of North American Mustelidæ . . . By E. Coues. *pp. xiv, 348: 20 pls.* 1877.
,, 10. Bibliography of North American Invertebrate Paleontology . . . including the West Indies and Greenland. By C. A. White . . . and H. A. Nicholson. *pp. 152.* 1878.
[For Supplement, *See* Bulletin, Vol. v, no. 1.]
,, 11. Birds of the Colorado Valley . . . By E. Coues. Part First, Passeres to Laniidæ. Bibliographical Appendix. (List of Faunal Publications relating to North American Ornithology). *pp. xvi, 807: text illust.* 1878.
[For the second and third instalments of the "Bibliography," *See* Bulletin, Vol. v, No. 2 & 4.]
,, 12. History of North American Pinnipeds. A monograph of the Walruses, Sea-Lions, Sea-Bears and Seals of North America. By J. A. Allen. *pp. xvi, 785: text illust.* 1880.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Report, &c. Vol. I–III, V–XIII.†
4°. *Washington* [*D.C.*], 1873–90.

Vol. I. Pt. 1. Contributions to the extinct Vertebrate Fauna of the Western Territories. By J. Leidy. *pp. 358: 37 pls.* 1873.
,, II. The Vertebrata of the Cretaceous formations of the West. By E. D. Cope. *pp. iv, 302: 57 pls., text illust.* 1875.
,, III. The Vertebrata of the Tertiary formations of the West. By E. D. Cope. 2 Vol. *pp. xxxiv, 1009, 1 tab.: text illust.* Atlas, *134 pls.* 1883, 84.
[Wanting pl. lxxv.]
,, IV. [Not published.]
,, V. Zoology and Botany.
Pt. 1. Synopsis of the Acrididæ of North America. By C. Thomas. *pp. x, 262: 2 pls.* 1873.
,, VI. } Contributions to the fossil Flora of the Western Terri-
,, VII. } tories. By L. Lesquereux.
,, VIII. }
Pt. 1. The Cretaceous Flora. *pp. (viii), 136: 30 pls.* 1874.
,, 2. The Tertiary Flora. *pp. xv, 366: 65 pls.* 1878.
,, 3. The Cretaceous and Tertiary Floras. *pp. xii, 283: 60 pls.* 1883.
,, IX. A report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri country. By F. B. Meek. *pp. lxiv, 629: 45 pls., text illust.* 1876.
,, X. A monograph of the Geometrid Moths, or Phalænidæ of the United States. By A. S. Packard, Jr. *pp. iv, 607: 13 pls.* 1876.
,, XI. Monographs of North American Rodentia. By E. Coues . . . and J. A. Allen. *pp. xii, x, 1091: 6 pls., text illust.* 1877.
,, XII. Fresh-water Rhizopods of North America. By J. Leidy. *pp. xi, 324: 48 pls.* 1879.
[,, XIII. The Tertiary Insects of North America. By S. H. Scudder. 1890.]
Wanting.
Also issued as Vol. II of the author's "Fossil Insects of North America" [*q.v.*].

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Bulletin, &c. Vol. I–VI.† 8°. *Washington* [*D.C.*], 1874–82.
Vol. III wants pp. 631–654. Vol. I consists of eight numbers divided into two Series: the first is formed of two separately-paged numbers, whilst in the second the pagination is continuous.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Final Report of the . . . Survey of Nebraska and portions of the adjacent territories, &c. *pp. 264: 11 pls., 1 map col., text illust.* 8°. *Washington* [*D.C.*], 1872.
Pt. 1. The Report.
,, 2. Paleontology.—Report on the Paleontology of eastern Nebraska. By F. B. Meek.—Descriptions of Fossil Fishes from the Upper Coal Measures. By O. St. John.
,, 3. Entomology.—Notes on the Orthoptera. By S. H. Scudder.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Synopsis of new Vertebrata from the Tertiary of Colorado, obtained during . . . 1873. By Prof. E. D. Cope. (Extracted from the Seventh Annual Report of the . . . Survey), &c. *pp. 19.* 8°. *Washington* [*D.C.*], 1873.
"Only quasi-extracted from the Report of which it ostensibly forms part. It was published in advance of the Seventh Annual Report as a separate pamphlet; and finally appeared in that Report so much modified as to be in effect a different article." (Cat. of Publications, 3rd ed.)

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Report on the Geology of the eastern portion of the Uinta Mountains and a region of country adjacent thereto . . . By J. W. Powell. *pp. vii, 218: 4 pls., text illust.* Atlas, *6 pls., 2 maps.*
4°. & fol. *Washington* [*D.C.*], 1876.
Chapter III. Invertebrate Palæontology of the Plateau Province. By C. A. White.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Preliminary Report of the Field Work, &c. 1877 & 1878. 2 No. 8°. *Washington* [*D.C.*], 1877, 78.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Sketch of the origin and progress of the . . . Survey, &c. *pp. 15.* 8°. *Washington* [*D.C.*], 1877.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Extracts from letters and notices of eminent scientific men and journals in Europe and America, commendatory of the . . . Survey, &c. *pp. 42.*
8°. *Washington* [*D.C.*], 1879.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Catalogue of the Publications, &c.
8°. *Washington* [*D.C.*], 1874.

—— Second edition. 8°. *Washington* [*D.C.*], 1877.

—— Third edition. 8°. *Washington* [*D.C.*], 1879.

Catalogue and Index of the Publications, &c. *See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8°. 1904.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Map of the sources of Snake River with its tributaries, together with portions of the headwaters of the Madison and Yellowstone . . . by G. R. Bechler . . . Scale 5 m. = 1 in. s.sh. *col.* [*Washington, D.C.*, 1872.]

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Map of the Upper (—Lower) Geyser Basin on the Upper Madison River, Montana Terr. after a reconnoissance by G. R. Bechler. Scale 6 in. = 1 m.
2 sh. *col. Washington* [*D.C.*], 1872.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Geological and geographical Atlas of Colorado and portions of adjacent territory by F. V. Hayden. *4 pls.* (*col.*), *16 maps* (*8 col.*) fol. [*Washington, D.C.*] 1877.

UNITED STATES.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.
Report, &c. 7 Vol., & Atlases.
4°. & fol. *Washington* [*D.C.*], 1870–80.

Vol. I. Systematic Geology. By C. King. *pp. xii, 803, 14 tabs.: 28 pls.* (*col.*), *12 maps col.* 1878.
Geological and Topographical Atlas. *21 maps* (*col.*), *2 pls. col.* 1876.
,, II. Descriptive Geology. By A. Hague and S. F. Emmons. *pp. xiii, 890: 26 pls.* 1877.
,, III. Mining Industry. By J. D. Hague, with geological contributions by C. King. *pp. xv, 647: 38 pls., 1 map.* 1870.
—— Atlas. *4 maps col.: 10 pls. col.* 1870.
Geology of the Toyabe Range. By S. F. Emmons.
Geology of the White Pine district. By A. Hague.
Egan Cañon district. By S. F. Emmons.
Lists of Fossils from Utah, with some notes. By F. B. Meek.
,, IV. *Pp. xii, 669: 24 pls., text illust.* 1877.
Pt. 1. Palæontology. By F. B. Meek.
,, 2. Palæontology. By J. Hall and R. P. Whitfield.
,, 3. Ornithology. By R. Ridgway.
,, V. Botany. By S. Watson, aided by D. C. Eaton and others. *pp. liii, 525: 40 pls., 1 map.* 1871.
Cactaceæ. By G. Engelmann.
Compositæ. By D. C. Eaton.
Polemoniaceæ and Eriogoneæ (Polygonaceæ). By A. Gray.
Naiadaceæ. By J. W. Robbins.
Carices. By S. T. Olney.
Equisetaceæ and Filices. By D. C. Eaton.
Musci. By T. P. James.
Lichenes. By E. Tuckerman.
Algæ. By H. C. Woods.
,, VI. Microscopical Petrography. By F. Zirkel. *pp. xv, 297: 12 pls.* (*col.*) 1876.
,, VII. Odontornithes: a monograph on the extinct toothed birds of North America. By O. C. Marsh. *pp. xv, 201: 34 pls., text illust.* 1880.

United States.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.
Catalogue and Index of the Publications of the . . . Exploration, &c. *See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8°. 1904.

UNITED STATES.—GEOLOGICAL SURVEY.
Annual Report, &c. No. 1→
4°. & 8°. *Washington* [*D.C.*], 1880→

United States.—GEOLOGICAL SURVEY.
Monographs, &c. Vol. I→
4°. & fol. *Washington* [*D.C.*], 1882→
Each monograph is separately paged.

United States.—GEOLOGICAL SURVEY.
Bulletin, &c. No. 1→ 8°. *Washington* [*D.C.*], 1883→
Each number contains a separate memoir. The first fifty-four numbers were grouped into eight volumes, each with a secondary pagination in addition to that of the number.

United States.—GEOLOGICAL SURVEY.
Mineral Resources of the United States, by A. Williams ([and afterwards] D. T. Day). 1882–93, 1900→
8°. *Washington* [*D.C.*], 1883→
The Reports for 1894 to 1899 inclusive were issued as part of the 'Annual Reports' for those years.

United States.—GEOLOGICAL SURVEY.
Contributions to Economic Geology, 1902→ *illust.*
See supra, Bulletin No. 213→ 8°. 1903→
These Contributions recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.
Report on Progress of Investigations of Mineral Resources of Alaska . . . by A. H. Brooks, &c. 1904→
See supra, Bulletin No. 259→ 8°. 1905→
These Reports recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.
Professional Paper No. 1→
4°. *Washington* [*D.C.*], 1902→

United States.—GEOLOGICAL SURVEY.
Water Supply and Irrigation Paper, &c. No. 65→
8°. *Washington* [*D.C.*], 1902→
Each number contains a separately-paged paper.

United States.—GEOLOGICAL SURVEY.
Mineral Products of the United States . . . 1888 to 1897. By D. T. Day. s.sh. *Washington* [*D.C.*], 1898.

—— 1895–1904. [By] D. T. Day.
s.sh. *Washington, D.C.*, 1905.

United States.—GEOLOGICAL SURVEY.
Preliminary Report on the Cape Nome Gold region, Alaska . . . By F. C. Schrader and A. H. Brooks. *pp. 56 : 19 pls., 3 maps (1 geol. col.), text illust.*
8°. *Washington* [*D.C.*], 1900.

United States.—GEOLOGICAL SURVEY.
The Geology and Mineral Resources of a portion of the Copper River district, Alaska. By F. C. Schrader and A. C. Spencer. *pp. 94 : 8 pls., 5 maps (col.)*
8°. *Washington* [*D.C.*], 1901.

United States.—GEOLOGICAL SURVEY.
Reconnaissances in the Cape Nome and Norton Bay regions, Alaska, in 1900. By A. H. Brooks, G. B. Richardson, A. J. Collier and W. C. Mendenhall. *pp. 222 : 14 pls., 9 maps (col.), text illust.*
8°. *Washington* [*D.C.*], 1901.
Consists of :
1. A Reconnaissance of the Cape Nome and adjacent Gold Fields of Seward Peninsula, Alaska, in 1900. By A. H. Brooks, assisted by G. B. Richardson and A. J. Collier. [Including Notes on the Vegetation by A. J. Collier.]
2. A Reconnaissance in the Norton Bay region . . . in 1900. By W. C. Mendenhall.

United States.—GEOLOGICAL SURVEY.
The State Geological Surveys of the United States. Compiled under the direction of C. W. Hayes. *pp. 177.*
See supra, Bulletin 465. 8°. 1911.

United States.—GEOLOGICAL SURVEY.
List of the publications of the . . . Survey. *pp. 46.*
8°. *Washington* [*D.C.*], 1893.

The Publications of the . . . Survey (not including Topographic Maps). *pp. 116.*
8°. *Washington* [*D.C.*], 1912.

United States.—GEOLOGICAL SURVEY.
Bibliography and Index of the publications of the . . . Survey, with the laws governing their printing and distribution. By P. C. Warman. *pp. 495.* *See* supra, Bulletin, &c. No. 100. 8°. 1893.

—— [Another edition entitled :] Catalogue and Index of the Publications of the . . . Survey, 1880 to 1901, &c. *See* supra, Bulletin, &c. No. 177. 8°. 1901.

—— 1901–1903, &c. *See* supra, Bulletin, &c. No. 215.
8°. 1903.

United States.—GEOLOGICAL SURVEY.
The United States Geological Survey and its methods of Work. *See* WALCOTT (C. D.) 8°. 1895.

United States.—GEOLOGICAL SURVEY.
The United States Geological Survey : its origin, development, organization, and operations. *pp. 205 : 3 pls., 6 maps (col.), text illust.* *See* supra, Bulletin, &c. No. 227. 8°. 1904.

United States.—GEOLOGICAL SURVEY. [*Maps.*]
Geologic Atlas of the United States . . . Library edition.
Folio 1→ fol. *Washington* [*D.C.*], 1894→
Each folio deals with a single section of the country and contains :— 1°. a letterpress description in quadruple column ; 2°. a topographical map of the area ; 3°. a geologically coloured one ; 4°. one showing the economic geology ; 5°. a repetition of 4 with the horizontal sections drawn in their respective positions ; 6°. a table of vertical sections. The several maps are on different scales.

—— Field edition. Scale 1 : 125,000 [*i.e.* 1 in. = 2 m. nearly.] Folio 2, 3, 5 & 8. fol. *Washington* [*D.C.*], 1894.
The contents of each folio are similar to those of the Library Edition above.

UNITED STATES.—PACIFIC RAILROAD SURVEY.
Reports of explorations and surveys, to ascertain the most practicable . . . route for a railroad from the Mississippi River to the Pacific Ocean. Made . . . in 1853–54, &c. 11 Vol. [in 12] *illust.*
4°. *Washington* [*D.C.*], (1853–) 1855–59.

Vol.
I. Index. *pp. viii.*
(1855) Report of the Secretary of War [Jefferson Davis] on the several . . . explorations. *pp. 134.*
Report of explorations for a route . . . near the forty-seventh and forty-ninth parallels . . . from St. Paul to Puget Sound. By I. I. Stevens. *pp. vii, 651.*

,, Supplementary Report of explorations for a route . . . near
Suppt. the forty-seventh and forty-ninth parallels . . . from St.
(1859) Paul to Puget Sound. By I. I. Stevens. 1855.
Pt. I. General Report. *pp. 333, viii : 70 pls. col., 2 maps, 1 section.* 1859.
,, II. Botanical Report. *pp. 72 : 6 pls.* 1859.
No. 1. Botany. By J. G. Cooper.
,, 2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
,, 3. Catalogue of Plants collected in Washington Territory. By J. G. Cooper.
,, III. Zoological Report. *pp. viii, 399 : 47 pls. (8 col.)* 1859.
No. 1. Insects. By J. T. [*i.e.* J. L.] Leconte.
,, 2. Mammals. By J. G. Cooper, G. Suckley, and G. Gibbs.
,, 3. I. Land Birds. By J. G. Cooper.
II. Water Birds. By G. Suckley.
,, 4. Reptiles. By J. G. Cooper.
,, 5. Fishes. By G. Suckley.
,, 6. Mollusca. By W. Cooper.
,, 7. Crustacea. By J. G. Cooper.
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[**United States.**—PACIFIC RAILROAD SURVEY. (contd.)]
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II. (1855) Report of explorations for a route . . . by . . . J. W. Gunnison . . . near the thirty-eighth and thirty-ninth parallels . . . from the mouth of the Kansas River, Mo., to the Sevier Lake, in the Great Basin. Report by . . . E. G. Beckwith. *pp. 128 : 13 pls. col.* [1854.]
[For Zoology, *See* Vol. x.]

Report of explorations for a route . . . on the line of the forty-first parallel . . . By . . . E. G. Beckwith. *pp. 132 : 14 pls., text illust.* 1854.
Geological report of the . . . thirty-eighth and forty-first parallels . . . by J. Schiel (Infusorial Fossils by W. Bailey).
Botany . . . by J. Torrey and A. Gray. Route on the forty-first . . . and near the thirty-eighth and thirty-ninth parallels, &c.
[Zoology, *See* Vol. x.]

Synopsis of a report of the reconnaissance of a . . . route from Puget Sound via South Pass to the Mississippi River. By F. W. Lander. *pp. 45.* 1856.

Report of exploration of a route . . . near the thirty-second parallel . . . from the Red River to the Rio Grande, by . . . J. Pope. *pp. iv, 185 : 10 pls.* 1854.
Botany . . . by J. Torrey and A. Gray, &c.

Report on the Geology of the route near the thirty-second parallel . . . by W. P. Blake. *pp. 50 : 1 pl. col., 1 map geol. col.* 1856.

Report of explorations for . . . route, near the thirty-second parallel . . . lying between Dona Ana, on the Rio Grande, and Pimas Villages, on the Gila. By . . . J. G. Parke. *pp. 28.* [1854.]
[For Zoology, *See* Vol. x.]

Route near the thirty-second parallel . . . Extract from report of a . . . reconnaissance made in 1846 and 1847, by . . . W. H. Emory. *pp. 22.* [?]

III. (1856) Extracts from the [preliminary] report of . . . route, near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple. *pp. 36.* [?]

Report of explorations for a . . . route near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple . . . assisted by . . . J. C. Ives. 1853-54.
Pt. I. Itinerary. *pp. x [vii,] 136 : 10 pls. col., text illust.*
,, II. Report on the topographical features and character of the country. *pp. 77 : 10 pls. (col.), text illust.* 1856.
,, III. Report upon the Indian Tribes, by . . . A. W. Whipple, T. Ewbank . . . and W. W. Turner. *pp. 127 : 7 pls. col., text illust.* 1855.
,, IV. Report on the Geology. *pp. vii [iii,] 175 : 5 pls. (col.), 1 map geol. col., text illust.* 1856.
No. 1. General Report . . . by W. P. Blake. (Notices of the fossils by J. Hall.)
,, 2. Resumé and Field Notes. By J. Marcou.

IV. (1856) ,, V. Report on the Botany. *pp. vii, 193 : 60 pls.* 1856.
No. 1. General description. By J. M. Bigelow.
,, 2. Forest Trees. By J. M. Bigelow.
,, 3. Cactaceæ. By G. Engelmann and J. M. Bigelow.
,, 4. The general botanical collections. By J. Torrey.
,, 5. Mosses and Liverworts. By W. S. Sullivant.
,, VI. Report on the Zoology. 1856.
No. 1. Field Notes. By C. B. R. Kennerly. *pp. 17.*
[For continuation, *See* Vol. x.]
Appendices. *pp. 288.*

V. (1856) Report of explorations in California . . . By . . . R. S. Williamson. 1853.
[*i.e.* 1857] Introduction. [*pp. ii.*]
Pt. I. Report. *pp. 43 : 12 pls. col., text illust.* 1855.
,, II. Geological Report. By W. P. Blake. *pp. xvi, 370, xiii : 42 pls. (col.), 4 maps col., text illust.* 1857.
[Wanting pl. x to Article 2, which occurs in Blake's re-issue.]
Appendix :—
Art. 1. The fossil fishes. By L. Agassiz.
,, 2. The fossil shells. By T. A. Conrad.
,, 3. The recent shells. By A. A. Gould.
,, 4. Letter from J. W. Bailey, describing the structure of the fossil plant from Pasuncula River.
,, 5. Structure of the fossil wood from the Colorado Desert. By G. C. Schaeffer.
,, 6. Chemical examinations of the soils and incrustations. By J. D. Easter.
,, 7. Descriptions of Plants collected . . . by W. P. Blake. By J. Torrey.
,, 8. Fossil microscopic organisms, from Monterey. By J. W. Bailey.
[Title only of Art. 8, which appears never to have been published.]
,, III. Botanical Report. By E. Durand and T. C. Hilgard. *pp. 15 : 18 pls.* 1855.
,, IV. Zoological Report. [*See* Vol. x.] 1857.
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[Reports of explorations and surveys, &c. (contd.)]

Vol.

VI. (1857) Report of . . . H. L. Abbot . . . upon explorations for a . . . route from the Sacramento Valley to the Columbia River, made by . . . R. S. Williamson . . . assisted by . . . H. L. Abbot. 1855.
Introduction. *pp. 1-16.*
Pt. I. General Report. *pp. 17-124 : 13 pls. col., text illust.* 1857.
,, II. Geological Report. *pp. 85 : 5 pls. (1 col.), text illust.* 1856.
No. 1. Geology of the route. By J. S. Newberry.
,, 2. The Tertiary Fossils. By T. A. Conrad.
,, 3. Analytical examination of Water and Minerals from the hot springs in Des Chutes Valley. [By] E. N. Horsford [and L. M. Dornbach].
,, 4. Catalogue of the Minerals and Fossils collected.
,, III. Botanical Report. *pp. 102 : 16 pls. (col.), text illust.* 1857.
No. 1. Botany of the route. By J. S. Newberry.
,, 2. Catalogue of the Plants collected, &c.
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III. Mosses and Liverworts. By W. S. Sullivant.
IV. Lichens. By E. Tuckerman.
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,, 2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
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,, 2. Mammals. By J. G. Cooper, G. Suckley, and G. Gibbs.
,, 3. Birds.
I. Land Birds. By J. G. Cooper.
II. Water Birds. By G. Suckley.
,, 4. Reptiles. By J. G. Cooper.
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Vol. I. (1857) Pt. 1. [General Report] *pp. xci, 258: 54 pls. (col.), 1 map, text illust.*
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8°. *Washington* [*D.C.*], 1879→
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8°. *Washington* [*D.C.*], 1903→
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UNIVERSIDAD NACIONAL DE CÓRDOBA.
See CORDOVA.

UNIVERSIDAD NACIONAL DE LA PLATA.
See LA PLATA, *Town of.*—UNIVERSITY.

UNIVERSIDADE DE COIMBRA.
See COIMBRA.

UNIVERSITÀ TOSCANE.
See PISA.—REGIA UNIVERSITÀ DEGLI STUDI.

UNIVERSITAET STRASSBURG.
See STRASBURG.—KAISER-WILHELMS UNIVERSITAET.

UNIVERSITAET ZU KIEL.
See KIEL.—KOENIGLICHE CHRISTIAN-ALBRECHTS UNIVERSITAET.

UNIVERSITAS CONIMBRICENSIS.
See COIMBRA.—UNIVERSIDADE DE COIMBRA.

UNIVERSITAS FRANCOFURTANA.
See FRANKFORT ON THE ODER.

UNIVERSITAS FRIDERICIANA.
See HALLE.—FRIEDRICHS-UNIVERSITAET.

UNIVERSITAS HAVNIENSIS.
See COPENHAGEN.—KJØBENHAVNS UNIVERSITET.

UNIVERSITAS LUNDENSIS.
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UNIVERSITAS REGIA FREDERICIANA.
See CHRISTIANIA.—KONGELIGE FREDERIKS UNIVERSITET.

UNIVERSITAS RUPERTO CAROLINA.
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UNIVERSITAS TUBINGENSIS.
See TUBINGEN.—KOENIGLICHE EBERHARD-KARLS-UNIVERSITAET.

UNIVERSITAS VRATISLAVIENSIS.
See BRESLAU.—KOENIGLICHE UNIVERSITAET.

UNIVERSITÉ DE L'ÉTAT DE GAND.
See GHENT.

UNIVERSITÉ DE LIÉGE. *See* LIEGE.

UNIVERSITÉ DE LYON. *See* LYONS.

UNIVERSITÉ DE MONTPELLIER.
See MONTPELLIER.

UNIVERSITY COLLEGE OF NORTH WALES. *See* BANGOR.

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UNIVERSITY OF MONTANA.
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UNIVERSITY OF NEBRASKA.
See LINCOLN, *Nebraska.*

UNIVERSITY OF PENNSYLVANIA.
See PHILADELPHIA.

UNIVERSITY OF SOUTH DAKOTA.
See VERMILLION.

UNIVERSITY OF TEXAS. *See* AUSTIN.

UNIVERSITY OF THE CITY OF NEW YORK.
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UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE I ZA KAVKAZOM.
See TIFLIS.—KAVKAZSKOE GHORNAYA UPRAVLENIE.

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See infra, KONGLIGA UNIVERSITETET.

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[*Botanic Garden.*] C. Linnæi . . . Hortus Upsaliensis exhibens Plantas exoticas Horto Upsaliensis Academiæ a sese illatas, *&c.* *See* LINNÆUS (C.) [*Botanical Works.*] 8°. 1748.

Upsala.—Kongliga Universitetet.
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[*Botanic Garden.*] C. Linnæi Fil . . . Decas prima (—secunda) Plantarum rariorum Horti Upsaliensis, *&c.* 2 Pt. *See* LINNÉ (C. VON) *the Younger.* fol. 1762 (–63).

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ 1780–1800, *&c.* 7 Pt. *See* THUNBERG (C. P.) 4°. [1803–11.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ ab initio sæculi, *&c.* 9 Pt. *See* THUNBERG (C. P.) 4°. [1826.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Historisk underrättelse om Upsala Universitets Botaniska Trädgård, 1836. *See* WAHLENBERG (G.) 8°. [1837.]

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[*Botanic Garden.*] Linnéminnen i Upsala Botaniska Trädgård. Kritisk undersökning, af F. R. Kjellman. *pp. 33 : 3 pls., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. III, no. 7. 8°. 1904.

—— Antikritik, af T. M. Fries. *pp. 45.* *See Op. cit.* Bd. IV, no. 5. 8°. 1905.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Einige wildwachsende Taraxaca aus dem Botanischen Garten zu Upsala. Von H. Dahlstedt. *See* SERNANDER (J. R.) *& others.* Botaniska Studier. Tillägnade F. R. Kjellman, *&c.* 8°. 1906.

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Invitation du Recteur pour assister aux fêtes du Bicentenaire de Linné le 23 et le 24 Mai, 1907. Cette invitation est suivie des "Vorlesungen über die Cultur der Pflantzen" de Linné [edited by M. B. Swederus]. *pp. 15, viii, 107.* 8°. *Upsala*, 1907.
The section "Vorlesungen" was also issued as "Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

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The title on the wrapper is in French.
The plates are reproductions of the "Flora Lapponica," plates vii & viii.
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[*Linné Bicentenary.*] Inbjudning till Medicine Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift : Linnés Dietetik. *pp. viii, 167, 248, 15 : 1 pl.* 8°. *Uppsala*, 1907.
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Many of the numbers contain separately-paged papers, extracted from the "Geol. Fören. i Stockholm Förhandl."

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[*Mineralogico-geological Institute.*] Bulletin of the Geological Institution of the University . . . Edited by H. Sjögren. Vol. I→ 8°. *Upsala*, 1893→

—— Index to . . . Vol. I–X (1893–1910), with an Appendix, *&c.* 8°. *Uppsala*, 1910.

Upsala.—Kongliga Universitetet.
[*Museums.* For Lists of Specimens.] *See* THUNBERG (C. P.) 4°. [1787–1827.]

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Redogörelse för den Japanska Fisksamlingen i . . . Museum af E. Nyström. *pp. 54.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XIII, afd. IV, no. 4. 8°. 1887.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Einige Muriceiden der Gattungen *Achanthogorgia* [*sic*], *Paramuricea* und *Echinomuricea* im Zoologischen Museum . . . Von T. Hedlund. *pp. 18 : 3 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVI, afd. IV, no. 6. 8°. 1890 (1891).

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Leptocephalids in the . . . Museum, *&c.* *See* STRÖMMAN (P. H.) 8°. 1896.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Ueber aussereuropäische Hydroiden des Zoologischen Museums . . . Von E. Jäderholm. *pp. 20 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXI, afd. IV, no. 6. 8°. 1896.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Linnean type-specimens of Birds, Reptiles, Batrachians and Fishes in the . . . Museum . . . Revised by . . . E. Lönnberg. *pp. 45.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 1. 8°. 1896 (1897).

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[*Zoological Museum.*] Alcyonarien aus der Sammlung des . . . Museums . . . Von J. A. Z. Brundin. *pp. 22 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 3. 8°. 1896 (1897).

UPSALA.—Kongliga Vetenskaps-Societeten.
[1710 Founded as *Collegium Curiosorum.*
1719 *Societas Litteraria Suecice.*
1728 *Societas Regia Litteraria et Scientiarum.*
1742 { *Societas Regia Scientiarum Upsaliensis.*
{ *Kongliga Vetenskaps-Societeten i Upsala.*]
Acta literaria (et scientiarum) Sveciæ. Vol. I–IV. 1720–1739. 4°. *Upsaliæ & Stockholmiæ* [1720?–] 1738–42.

Vol. III is in five separately-paged parts, or annual volumes.

[*Continued as :*]
Acta, *&c.* 1740–1750. 5 Vol. [in 1.] 4°. *Stockholmiæ*, 1744–51.

[*Continued as :*]
Nova Acta, *&c.* Vol. I–XIV. 4°. *Upsaliæ*, 1773–1850.

—— Ser. III, vol. I–XX. 4°. *Upsaliæ*, 1855–1904.

In Vol. IV–XX each memoir is separately paged.

—— Ser. IV, vol. I→ 4°. *Upsala*, 1905→

Each memoir is separately paged.

Upsala.—Kongliga Vetenskaps-Societeten.
Nova Acta . . . Volumen extra ordinem editum (In memoriam quattuor seculorum ab Universitate Upsaliensi peractorum). 4°. *Upsaliæ*, 1877.

Contains, *inter alia* :—
No. 1. Essai sur la Société Royale des Sciences d'Upsal et ses rapports avec l'Université d'Upsal. Par O. Glas. *pp. 99.*
„ 2. Analyse des Fleisches einiger Fische. Von A. Almén. *pp. 59.*
„ 8. Polyblastiæ Scandinavicæ. Descripsit T. M. Fries. *pp. 28.*
„ 9. J. Franckenii Botanologia nunc primum edita, præfatione historica, annotationibus criticis, nomenclatura Linnæana illustrata a R. F. Fristedt. *pp. 140.*
„ 12. Ueber die Algenvegetation des Murmanschen Meeres an der Westküste von Nowaja Semlja und Waigatsch. Von F. R. Kjellman. *pp. 86 : 1 pl.*
„ 13. Synopsis Crustaceorum Sveicorum ordinis Branchiopodorum et subordinis Phyllopodorum. Auctore V. Lilljeborg. *pp. 20.*
„ 14. Kritische Bemerkungen über die Weiden Nowaja Semljas und ihren genetischen Zusammenhang. Von A. N. Lundström. *pp. 44 : 1 pl. col.*
„ 15. Untersuchungen über Chlorosalze und Doppelnitrite des Platins. Von L. F. Nilson. *pp. 90.*
„ 16. Sur la recherche des Mines de Fer à l'aide de mesures magnétiques, par R. Thalén. *pp. 36 : 1 pl.*
„ 17. Note sur quelques Holothuries des mers de la Nouvelle Zemble. Par H. Théel. *pp. 18 : 2 pls.*
„ 18. Ueber die Byssus des *Mytilus edulis*. Von T. Tullberg. *pp. 9 : 1 pl.*
„ 19. On the development and systematic arrangement of the Pithophoraceæ, a new order of Algæ, by V. B. Wittrock. *pp. 80 : 6 pls.*

Upsala.—Kongliga Vetenskaps-Societeten.
Årsskrift, *&c.* Arg. I & II.† 8°. *Upsala*, 1860–61.

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Catalogue méthodique des Acta et Nova Acta [and Årsskrift] . . . 1744–1889, *&c.* 4°. *Upsala* (1889).

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Katalog öfver K. Vetenskaps-Societetens utställning af Linné-Porträtt. *pp. 14 : text illust.* 8°. *Uppsala*, 1907.

Upsala.—Kongliga Vetenskaps-Societeten.
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Upsala.—Kongliga Vetenskaps-Societeten.
Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-års-jubileum af Uppsala Universitet den 19. November, 1910. *See* supra, KONGLIGA UNIVERSITETET. 4°. 1910.

Upsala.—Kongliga Vetenskaps-Societeten.
Kungliga Vetenskaps Societetens . . . Tvåhundraårs-minne, *&c. pp. 73 [vi,] 138, 16 [7] : 10 pls., 8 port.*
8°. *Upsala*, 1910.

Contains :—
I. Minnesskrift vid Tvåhundraårsfesten d. 19 November, 1910, af N. C. Dunér.
II. Protokoll af 1711.—Stadgar af 1719 och 1728.
III. Dædalus Hyperboreus : facsimile.

Upsala.—Kongliga Vetenskaps-Societeten.
Bicentenaire de la Société . . . Par N. C. Dunér. *pp. 62.*
See supra, Nova Acta, *&c.* Ser. IV, vol. III, no. 1.
4°. 1911.

Upsala.—Kongliga Vetenskaps-Societeten.
[Autograph] Beskrifning öfver en resa på Kongl. Wetenskaps Societetens uti Upsala, men i synnerhet Wälb. Herr . . . Linnæi anmodan år 1749 om sommaren förrättad, till Lapsk fjällarne åfvan Luleå stad. *See* Montin (L.) 4°. [ ]

UPSALA.—Linnéska Institutet.
[Founded 1800 as *Societas pro Historia Naturali ;* afterwards, *Linnéska Institutet.*]
Linnéska Institutets Skrifter. Första häftet (tryckt i Uppsala 1807.) Med fullständigad text och inledning. Anyo utgifvet. *pp. iv, 23 : 2 pls., text illust.*
8°. *Uppsala*, 1906.
The first sheet and the two plates were printed in 1807, but never published. The original MS. having been found, the complete work was issued for the first time in 1906.

UPSALA.—Regia Academia Upsaliensis.
See supra, Kongliga Universitetet.

UPSALA.—Regia Societas Scientiarum.
See supra, Kongliga Vetenskaps-Societeten.

UPSALA.—Societas Regia Scientiarum.
See supra, Kongliga Vetenskaps-Societeten.

UPSALA.—Zoologisches Museum.
See supra, Kongliga Universitetet.

URAL MOUNTAINS. [*Maps.*]
Karte vom Ural Gebirge. Gegründet auf die astronomischen Beobachtungen von Wischnewsky, Schubert, A. v. Humboldt, A. Erman, und auf handschriftliche Specialkarten. Maassstab = 1 : 2,000,000 [*i.e.* 1 in. = 31½ m. about]. s.sh. *col. Gotha*, 1837.
Forming No. 19 of "Berghaus' Atlas von Asien," and also Pl. XI of G. Rose's "Mineralogisch-geognostische Reise nach dem Ural," *&c.* Bd. I.

Ural Mountains. [*Maps.*]
Carte Géologique du versant occidental de l'Oural, par V. de Möller [*i.e.* V. I. Meller] . . . Échelle à 1 : 840,000 [*i.e.* 1 in. = 13 m. about]. s.sh. *col.* [*St. Petersburg ?*] 1869.

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Gheologhicheskaya Karta vostochnagho sklona Urala. Sost. A. Karpinskiĭ, *&c.* Geologische Karte des Ostabhanges des Urals (mit Ausnahme des Centralgebirges). Von A. Karpinsky. Massstab 1 : 420,000 [*i.e.* 1 in. = 6½ m. about]. 3 sh. *col. S. Peterburgh*, 1884.

URAL'SKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA. *See* Ekaterinburg.

URANIE, *French Corvette.* Voyage autour du Monde . . . sur . . . l'Uranie . . . pendant . . . 1817-20, *&c.*
See France. [*Voyages, &c.—Uranie & Physicienne.*]
4°. & fol. 1824-42.

URBAIR (Bernhard von Wuellerstorf-) *Baron.*
See Wuellerstorf-Urbair.

URBAN (Ignatz) [1848-] Ueber Keimung, Blüthen- und Fruchtbildung bei der Gattung *Medicago.* Botanische Inaugural-Dissertation, *&c. pp.* [*iv,*] *35.*
8°. *Berlin*, 1873.

Urban (I.) Vitæ itineraque Collectorum Botanicorum, notæ Collaboratorum biographicæ, Floræ Brasiliensis ratio edendi chronologica, Systema, Index familiarum. (—Umbelliferæ.—Moringaceæ.—Humiriaceæ et Lineæ. —Turneraceæ.—Loasaceæ.) *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. I, pt. 1 ; XI, pt. 1 ; XII, pt. 1 & 2 ; XIII, pt. 3. fol. 1877-1906.
Urban also edited the work from fasc. C, 1887.

Urban (I.) Monographie der Familie der Turneraceen. *pp. 152 : 2 pls.* 8°. *Berlin*, 1883.
Reprinted from "Jahrbuch Kgl. botan. Gartens & botan. Museums Berlin," Bd. II [*q.v.* under Berlin.—K. Friedrich-Wilhelms-Universitaet].

Urban (I.) G. Engelmann. [Obituary Notice.]
8°. [*Berlin,*] 1884.
Berichte Deutsch. Bot. Gesell. Bd. II. *pp. xii-xv.*

Urban (I.) George Bentham. [Memoir.]
8°. [*Berlin,*] 1884.
Berichte Deutsch. Bot. Gesell. Bd. II. *pp. xvi-xxi.*

Urban (I.) Jahrbuch des K. Botanischen Gartens . . . Herausgegeben von . . . I. Urban. Bd. III-V. *See* Berlin.—Koenigliche Friedrich-Wilhelms-Universitaet.—*Botanischer Garten.* 8°. 1884-89.

Urban (I.) Führer durch den Königlich Botanischen Garten, *&c. See* Berlin.—Koenigliche Friedrich-Wilhelms-Universitaet.—*Botanischer Garten.*
8°. 1887.

Urban (I.) Biographische Skizzen. I. Friedrich Sellow (1789-1831). 8°. *Leipzig*, 1893.
Engler's Botan. Jahrb. Bd. XVII, *pp. 177-198.*

Urban (I.) [Turneraceæ and Caricaceæ of East Africa.]
See Deutsch-Ost-Afrika, *&c.* Bd. V, thl. C. 8°. 1895.

Urban (I.) Symbolæ Antillanæ, seu fundamenta Floræ Indiæ Occidentalis. Vol. I—> 8°. *Berolini, &c.* 1898—>

Urban (I.) Monographia Loasacearum. *pp. iv, 384 : 8 pls. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. LXXVI, no. 1. 4°. 1900.

Urban (I.) Festschrift zur Feier des siebzigsten Geburtstages des . . . Dr. P. Ascherson (4. Juni 1904) . . . Herausgegeben von I. Urban und P. Graebner. *pp.* [*iv,*] *lii, 568 : 1 pl. col., 1 port., text illust.* 8°. *Leipzig*, 1904.

Urban (I.) [For official publications] *See* Berlin.—Koeniglichе Friedrich-Wilhelms-Universitaet.—*Botanischer Garten.*

URBANA.—University of Illinois. [Founded 1867.]
The University Studies. Vol. III, no. 2. *pp. 56 : 4 pls., 1 text illust.* 8°. *Urbana & Champaign*, 1909.
Contains :—
Preliminary account of the Geology of the Highlands in New Jersey. By W. S. Bayley.
Some notes on River development in the vicinity of Danville, Illinois. By C. H. Wegemann.
Notes on the Distribution of the Mastodon in Illinois. By R. M. Bagg, Jr.
This number also forms "University of Illinois Bulletin," Vol. VI, no. 17.
All previous numbers contain no Natural History.

Urbana.—University of Illinois.—*Agricultural Experiment Station.*
Bulletin. No. 6, 15, 16, 26, 39, 47, 49-60.
8°. *Champaign & Urbana*, 1889-1900.

Urbana.—University of Illinois.—*Agricultural Experiment Station.*
Circular, &c. No. 20–22 & 24. 8°. *Urbana*, 1900.

Urbana.—University of Illinois.—*Illinois State Laboratory of Natural History.*
[1862 Founded as *Museum of the State Natural History Society of Illinois.*
1871 The Society was dissolved and the Museum transferred to the State, as the *Illinois Museum of Natural History.*
1877 Converted into the *Illinois State Laboratory of Natural History*, a *State Museum* being simultaneously founded at Springfield (*q.v.*).
1897 Transferred to the *University of Illinois.*]
Bulletin, &c. Vol. I→
8°. *Bloomington* [*Ill.*], (1876–) 1884→
In Vol. I, no. I, 2, 5, 6 & 7 are separately paged.

—— Vol. I, no. 3. Second edition.
8°. *Champaign, Ill.*, 1903.

Urbana.—University of Illinois.—*Illinois State Laboratory of Natural History.*
Biennial Report of the Director for 1899–1900. *pp. 12.*
8°. *Urbana, Illinois*, 1901.

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The Ornithology of Illinois. Pt. 1. Descriptive Catalogue. By R. Ridgway. 2 Vol. *illust.*
8°. *Springfield*, 1889–95.

URE (Andrew) [1778–1857] A new System of Geology, &c. *pp. lv, 621 : 7 pls., text illust.* 8°. *London*, 1829.

Ure (A.) Neues System der Geologie, &c. *pp. xiv, 626 : 17 pls.* 8°. *Weimar*, 1830.

Ure (A.) [Ure's dictionary of Arts, Manufactures, and Mines. 8°. *London*, 1839.]
Wanting.

—— By R. Hunt . . . assisted by F. W. Rudler . . . Seventh edition. 4 Vol. *illust.* 8°. *London*, 1878–79.

URE (David) [–1798] The History of Rutherglen and East-Kilbride, &c. *pp. vi, 334 : 21 pls. (1 col.)*
8°. *Glasgow*, 1793.

Ure (D.) Biographical notice of . . . D. Ure . . . By J. Gray. *See* Gray (J.) 8°. 1865.

URE (George) Our Fancy Pigeons, and rambling notes of a Naturalist, &c. *pp. xvi, 282 : 6 pls.*
8°. *Dundee, &c.*, 1886.
The plates are in duplicate.

URICH (Frederic William) [1870–] The Cacao Thrips. *See* Trinidad.—*Department of Agriculture.* [Circular.] 8°. 1911.

Urich (F. W.) The Sugar Cane Froghopper (*Tomaspis varia*, Fabr.) and biological notes on some Cercopids of Trinidad. *See* Trinidad.—*Department of Agriculture.* Circular No. 9. 8°. 1913.

Urich (F. W.) [For official reports as Entomologist] *See* Trinidad.—*Department of Agriculture.*

URQUHART (A. T.) On new species of Tasmanian Araneæ. *pp. 38.* 8°. [*Hobart*, 1893.]
Papers & Proc. Roy. Soc. Tasmania, 1892.

URRUTIA. *See* Bolivar y Urrutia.

URRUTIA (P. Lisardo) Datos Geológico-mineros de la provincia de Logroño. *pp. 6. See* Spain.—Instituto geológico de España. Boletín, &c. Tom. v. 8°. 1878.

URSIN (Johann Heinrich) [1608–1667] J. H. Ursini . . . Arboretum Biblicum, in quo Arbores & Frutices passim in S. Literis occurrentes, notis . . . exponuntur, & illustrantur. *pp.* [*16,*] *621* [*3*] *: 13 pls., engr. title.*
8°. *Norimbergæ*, 1663.

—— [Another edition.] Cum Continuatione & Sylva theologiæ symbolicæ, nec non appendice de terribili quondam visa cometa, nunc tertia vice revirescens. 2 Tom. *illust.* 8°. *Norimbergæ*, 1685.
The title-page to Tom. II reads :—"J. H. Ursini Continuatio Plantarum Biblicæ, sive, I. De Sacra Phytologia, II. Herbarius Sacer, III. Hortus Aromaticus, cum Sylva Theologiæ Symbolicæ, et S. Jeremiæ virga vigilante tertia vice recusa."

—— [Another edition.] 2 Tom. [in 1 Vol.] *illust.*
8°. *Norimbergæ*, 1699.

URSPRUNG (Alfred) Beiträge zur Anatomie und Jahresringbildung tropischer Holzarten. Inaugural-Dissertation, &c. *pp. 81* [*3*] *: text illust.* 8°. *Basel*, 1900.

Ursprung (A.) Die physikalischen Eigenschaften der Laubblätter, &c. *pp. 120 : 9 pls. (col.), text illust. See* Bibliotheca Botanica, &c. Hft. lx. 4°. 1903.

URSUA (Pedro de) The expedition of P. de Ursua & L. de Aguirre in search of El Dorado and Omagua in 1560–1, &c. *See* Hakluyt Society. Works, &c. No. 28. 8°. 1861.

URUGUAY, *Republic of.*
Origin of the auriferous region of Tacuarembo. Catalogue of Minerals exhibited, &c. 2 Pt. *See* London.—*International Exhibition of Mining and Metallurgy, 1890.* 8°. 1890.

Uruguay, *Republic of.* [*Maps.*]
Mapa de la República Oriental del Uruguay [Scale 1 in. = 11 m. about. There are inset plans of Montevideo, &c.] 2 sh. *Montevideo*, 1884.

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Mapa de la República Oriental del Uruguay. Escala 1 : 1,806,105 [*i.e.* 1 in. = 28½ m. about.] *See* London.—*International Exhibition of Mining and Metallurgy, 1890.* Republic of Uruguay. Pt. II. 8°. 1890.

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In this copy the title-page, with the altered and added matter of the 1723 edition, have been bound in between the preface and the body of the work.

—— [Another edition entitled:] M. B. Valentini . . . Aurifodina Medica e triplici naturæ regno, minerali, vegetabili & animali, seu Historia Simplicium reformata . . . cum India Literata . . . Editio secunda, auctior redita per Accessiones novissimas . . . adjecta est Tabula ichnographica stadii studiique medici. *pp.* [*xviii,*] *664* [*13, 12,*] *1 tab. : 30 pls.* fol. *Giessæ & Francofurti*, 1723.

Wanting the plate (Nuces Myristicæ) to face p. 199.
This is a re-issue of the original sheets of the 1716 edition, with a new title-page and preface, whilst a life of the author in Latin verse, an "Introductio" and "Allegata" have been prefixed, and the "Accessiones novissimæ," with the "Tabula ichnographica," appended.

Valentini (M. B.) Viridarium reformatum, seu regnum vegetabile, das ist: neu-eingerichtetes und vollständiges Kraüter-Buch . . . auch vortreffliche . . . Recepte für allerley Kranckheiten . . . und . . . ein Opus Mago-Cabalisticum eines wahrhafften Adepti (G. A. Sallwigt,) beygefüget, *&c.* 2 Pt. *pp.* [*xviii,*] *583* [*12*] *: 385 pls., text illust.* (*pp.* [*viii,*] *80 : 10 pls.*)
fol. *Franckfurt am Mayn*, 1719.

A made-up copy, containing some manuscript notes.

Valentini (M. B.) M. B. Valentini . . . Armamentarium Naturæ systematicum, seu introductio ad philosophiam modernorum naturalem . . . Accedit Historia Literaria S. R. I. Academiæ naturæ curiosorum, *&c.* (M. B. Valentini prodromus historiæ naturalis Hassiæ, quem anno . . . 1707 sub præsidio autoris, publicæ . . . sistebat J. N. Müllerus.) *pp.* [*xxviii,*] *176* (*152*) *: 14 pls., engr. title, text illust.* (*pp. 38.*) 4°. *Gissæ-Hassorum*, 1709.

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Valentini (M. B.) Amphitheatrum Zootomicum . . . exhibens historiam Animalium anatomicam e Miscellaneis S. R. I. Academiæ Naturæ Curiosorum, Diariis Societatum Scientiarum Regiarum, Parisiensis, Anglicæ & Prussiacæ, Actis Hafniensibus & Lipsiensibus . . . collectam. Accedit methodus secandi cadav. Humana . . . ut & ars dealbandi ossa pro sceletopœia, cum osteologia, tabulis myologicis, aliisque MSS. Rauianis (Appendix), *&c.* 3 Pt. [in 1 Vol.] *illust.*
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A number of additional plates had been printed off, and in 1907 sets of all the plates, to the number of 100, were made up by the holder, and put on the market, the circular accompanying them stating that "Le texte réduit à quelques feuilles de généralités a disparu." The numeration of the plates is not consecutive.

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Issued in 32 parts in 26 months (Journ. Gén. Lit. France, an. XI, 1802, p. 322).

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This work was issued in 82 livraisons. Of these No. 1–5 appeared in 1820 ; No. 6–9 in 1821 ; No. 10–20 & 22 in 1822 ; No. 21, 23–37 in 1823 ; No. 38–52, 54–56 in 1824 ; No. 53, 57–72 & 74 in 1825 ; No. 73, 75–82 in 1826 (Bibl. Franç.) : the contents of the several livraisons are, however, at present unknown.
The 24 coloured plates of the first six livraisons are unnumbered, and the text to each is separately paged. With this portion of the work, subsequently bound at the end as an appendix, Vieillot had nothing to do. Vieillot's text, subdivided into five parts, is in three sections (parts 3–5 being continuously paged) arranged in two volumes.
301 coloured plates, consecutively numbered, and 33 plain plates, accompany these volumes. Among the coloured plates, there is a "Pl. 23bis," but no pl. 151, which was omitted because the references in the text to plates 144–150 had been erroneously given as to 145–151. Pl. 300 ranks between pl. 232 & 233, whilst pl. 301 follows pl. 292.

Vieillot (L. J. P.) & **others.** Faune Française, ou histoire naturelle générale et particulière des Animaux qui se trouvent en France, constamment ou passagèrement . . . par MM. L. P. Vieillot (les Oiseaux); A. G. Desmarest (les Mammifères, les Reptiles, les Insectes Orthoptères, Hemiptères, et Névroptères); De Blainville (les Animaux sans vertèbres, à l'exception des Insectes); C. Prévost [or rather, H. M. D. de Blainville] (les Poissons); A. Serville (les Insectes Coléoptères, Hyménoptères et Diptères); Lepelletier Saint-Fargeau (les Insectes Lépidoptères); C. A. Walckenaer (les Aranéides). 8 Vol. & Atlas, 4 Vol. 8°. & 4°. [*Paris*, 1820-30].

Without title-pages. Livr. 1 & 2, Coléoptères, pp. 1-96, were re-written: a copy of the cancelled issue is bound in at the end of that section of the work. The text is complete for the Birds only.
The sections issued are as follows:—
Vertébrés.
Mammifères. *pp. 80† : 4 pls. col.*
Oiseaux. *pp. 443 : 88 pls. col.*
Reptiles. *18 pls. col.*
Poissons. *pp. 96† : 22 pls. col.*
Malacozoaires. *pp. 320† : 42 pls. col.*
Insectes.
Hexapodes.
Coléoptères. *pp. 240† : 22 pls. col.*
Hyménoptères. *pp. 96† : 8 pls. col.*
Lépidoptères. *pp. 256† : 46 pls.*
Nevroptères. *2 pls. col.*
Orthoptères. *2 pls. col.*
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Octopodes.
Aranéides. *pp. 240† : 10 pls. col.*
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Actiniaires. *4 pls. col.*
Échinodermes. *4 pls. col.*
Vers. *2 pls. col.*

For the dates of publication of the various parts, *See* Sherborn & Woodward, Ann. & Mag. Nat. Hist., Ser. VII, vol. VIII, 1901, p. 493.

VIENNA. [Ankündung eines systematischen Werkes von den Schmetterlingen der Wienergegend, herausgegeben von einigen Lehrern (*i.e.* I. Schiffermüller and J. N. C. M. Denis) am K. K. Theresianum. *pp. 322 : 2 pls.* 4°. *Wien*, 1775.]

Wanting. The title-page to this issue is printed from a wood-block.

—— [Another issue entitled:] Systematisches Verzeichniss der Schmetterlinge der Wienergegend, *&c. pp. 322 : 2 pls.* 4°. *Wien*, 1776.

The title-page to this issue is printed from a copper plate.
Jacob Hübner's copy with his autograph notes and signature is in the Walsingham Library.

—— [Another edition.] Mit einer Synonymie der vorzüglichsten Schriftsteller und vielen Anmerkungen und Zusätzen von neuem herausgegeben. 2 Bd. 8°. *Braunschweig*, 1801.

Vienna. Die Zinsler, Wickler, Schaben und Geistchen des *Systematischen Verzeichnisses der Schmetterlinge der Wiener Gegend* verglichen mit den in der Schiffermillerschen Sammlung in Wien befindlichen . . . Arten dieser Gattungen, *&c.* *See* Charpentier (T. von). 8°. 1821.

Vienna. Die Botanischen Anstalten Wiens im Jahre 1894. 8°. *Wien*, 1894.

Originally issued as a "Festgabe" for the sixty-sixth meeting of the "Deutscher Naturforscher und Aerzte" held the same year at Vienna.
Contains:—
No. I. K. k. Universität.
Pt. 1. Botanisches Museum und Botanischer Garten. Verfasst von . . . K. Fritsch.
,, 2. Das Pflanzenphysiologische Institut. Verfasst von . . . F. Krasser.
,, II. K. k. Hofgarten zu Schönbrunn. Verfasst von . . . A. Umlauft.
,, III. Botanische Abtheilung des k. k. naturhistorischen Hofmuseums.
Aufzählung der im Herbarium . . . enthaltenen Pflanzensammlungen. Verfasst von A. Zahlbruckner.
,, IV. K. k. zoologisch-botanische Gesellschaft.
,, VI. Botanische Privatsammlungen.

VIENNA.—*Botanischer Garten.*
See infra, Kaiserlich-Koenigliche Universitaet.

VIENNA.—*Botanisches Museum.*
See infra, Kaiserlich-Koenigliche Universitaet.

VIENNA.—*Erste Internationale Jagdausstellung, 1910.* Fuehrer durch die Deutsche Abteilung der . . . Jagdausstellung. *pp. 60 : 17 pls. (back to back).* 8°. *Berlin*, 1910.

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Vienna.—*Erste Internationale Jagdausstellung*, 1910. Catalogue of Exhibits in the British section of the International Shooting and Field Sports Exhibition, Vienna, 1910. *pp. viii, 63 : 22 pls.* 4°. *London*, 1911.

VIENNA.—*Exposition Universelle, 1873.*
See infra, *Welt-Ausstellung.*

VIENNA.—*Hortus Botanicus Vindobonensis.*
See infra, Kaiserlich-Koenigliche Universitaet.

VIENNA.—*International Shooting and Field Sports Exhibition, 1910.*
See supra, *Erste Internationale Jagdausstellung.*

VIENNA.—*Kaiserlich-Koenigliche Hofburg.* Der Wintergarten in der K. K. Hofburg . . . geschildert, *&c.* *See* Antoine (F.) obl. fol. 1852.

Vienna.—*Kaiserlich-Koenigliche Hofburg.* Phyto-iconographie der Bromeliaceen des Kaiserlichen Königlichen Hofburg-Gartens, *&c.* *See* Antoine (F.) 4°. & fol. 1884.

VIENNA.—*Universal Exhibition, 1873.*
See infra, *Welt-Ausstellung.*

VIENNA.—*Welt-Ausstellung, 1873.* Notice sur les pêcheries et la chasse aux Phoques dans la Mer Blanche, l'Océan Glacial et la Mer Caspienne. [One of the publications issued in connection with the Exhibition.] *See* Schultz (A.) 8°. 1873.

Vienna.—*Welt-Ausstellung, 1873.* Descriptive Catalogue of the Exhibits in the New Zealand Court (Beschreibender Catalog, *&c.*—Catalogue descriptif, *&c.*), *&c. pp. 47.* 4°. *London* [1873].

English, German and French in parallel columns.

VIENNA.—Academia Vindobonensis.
See infra, Kaiserlich-Koenigliche Universitaet.

VIENNA.—Akademischer Verein der Naturhistoriker an der Wiener Universitaet.
See infra, Naturwissenschaftlicher Verein an der Universitaet Wien.

VIENNA.—Anthropologische Gesellschaft.
[Founded 1870.]
Mittheilungen, *&c.* Bd. I-XVII. *illust.* 8°. *Wien*, 1871-87.
Bd. XI-XVII are also styled "Neue Folge, Bd. I-VII."

VIENNA.—Congrès International Ornithologique, Vienne, 1884.
See Congrès International Ornithologique Vienne, 1884.

VIENNA.—Deutscher und Oesterreichischer Alpenverein.
[Founded 1873 by the amalgamation of the *Oesterreichischer Alpen Verein* (1862) & the *Deutscher Alpenverein* (1869).]
Atlas der Alpenflora. Herausgegeben vom Deutschen . . . Alpenverein, *&c.* *See* Dalla Torre (K. W. von) 8°. [1881-] 1882 [-84].

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See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—Gartenbaugesellschaft des Oesterreichischen Kaiserstaates.
Botanisches Archiv... Abbildungen und Beschreibungen neuer oder seltener Pflanzen, welche in den Gärten der Monarchie blühen. Herausgegeben von C. . . . von Hügel. No. I & II.† *10 pls. col., with descriptive letter-press.* 8°. *Wien*, 1837.
Large paper copy.

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[Founded 1907.]
Mitteilungen, &c. Bd. I→ *illust.* 8°. *Wien*, 1908→

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See supra, GARTENBAUGESELLSCHAFT DES OESTERREICHISCHEN KAISERSTAATES.

VIENNA.—Kaiserlich-Koenigliche Geographische Gesellschaft. [Founded 1856.]
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Bd. XI–XXXI are also styled "Neue Folge, Bd. I–XXI."

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Issued as a supplement to Vol. XXIV of the Mittheilungen.

VIENNA.—Kaiserlich-Koenigliche Hofkammer im Muenz- und Bergwesen. [Founded 1835.]
Bericht über die Mineral-Sammlung, &c. *pp. viii, 156: 2 pls.* 4°. *Wien*, 1843.

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Hortus Botanicus Vindobonensis, seu Plantarum rariorum quæ in Horto . . . coluntur, icones coloratæ et succinctæ descriptiones. 3 Vol. [in 2.] *See* JACQUIN (N. J. VON) *Baron.* fol. 1770–76.

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Beiträge zur Paläontologie Osterreich-Ungarns und des Orients, herausgegeben von E. von Mojsisovics und M. Neumayr. Bd. I–VIII. 4°. *Wien*, (1880–) 1882–91.
On the wrappers of Ilft. I–3 the title reads: "Beiträge zur Paläontologie von Oesterreich-Ungarn und den angrenzenden Gebieten."

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Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns und des Orients begründet von . . . E. v. Mojsisovics und . . . M. Neumayr. Mittheilungen des Paläontologischen Instituts der Universität Wien herausgegeben . . . von . . . W. Waagen ([and afterwards] G. von Arthaber, V. Uhlig, C. Diener, & F. E. Suess). Bd. IX→ 4°. *Wien*, (1894–) 1895→

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Schedæ ad Floram Exsiccatam Austro-Hungaricam a Museo Botanico Universitatis Vindobonensis editam auctore [I–VIII] A. Kerner ([VIII & IX] C. Fritsch [X] Editore R. de Wettstein). Pt. I–X.
8°. *Vindobonæ*, 1881–1913.

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[1851 Founded as *Zoologisch-Botanischer Verein.*
1858 *Kaiserlich-Königliche Zoologisch-Botanische Gesellschaft.*]
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8°. *Wien*, 1907→

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8°. *Wien*, 1872.

—— der dritten zehnjährigen Reihe (1871–80), &c.
8°. *Wien*, 1884.

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8°. *Wien*, 1895.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Abhandlungen, &c. Bd. I→ 8°. *Wien & Jena*, 1901→
Each heft contains a separately-paged paper.
Bd. IV→ published at Jena.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Festschrift zur Feier des fünfundzwanzigjährigen Bestehens der . . . Gesellschaft, &c. *pp. 330 [1]: 18 pls. (col.), 1 map col.* 4°. *Wien*, 1876.
Contains:—
1. Die morphologische Bedeutung der Segmente, speciell des Hinterleibes, bei den Orthopteren. Von C. Brunner von Wattenwyl.
2. Die natürlichen Einrichtungen zum Schutze des Chlorophylls der lebenden Pflanze. Von J. Wiesner.
3. Ueber die Malayische Säugethier-Fauna. Von A. von Pelzeln.
4. Ueber die Organisation nnd systematische Stellung der Gattung *Scison*, Gr. Von C. Claus.
5. Beiträge zur Kenntniss der sogenannten falschen Chinarinden. Von A. Vogl.
6. Zur Teratologie der Ovula. Von J. Peyritsch.
7. C. Clusius' Naturgeschichte der Schwämme Pannoniens. Von H. W. Reichardt.
8. Die Schutzmittel der Blüthen gegen unberufene Gäste. Von A. Kerner.
9. Die Neuropteren Europas und insbesondere Oesterreichs, mit Rücksicht auf ihre geographische Verbreitung . . . Von F. Brauer.
10. Die Schlangen und Eidechsen der Galapagos-Inseln. Von F. Steindachner.

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Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Nachträge zu Maly's Enumeratio Plantarum Phanerogamicarum imperii Austriaci universi von A. Neilreich, *&c.* *See* NEILREICH (A.) 8°. 1861.

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Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Nachträge zur Flora von Nieder-Oesterreich von A. Neilreich, *&c.* *See* NEILREICH (A.) 8°. 1866.

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1851 Established as a separate institution.
1877 Incorporated in the *Kaiserlich-Koenigliches Naturhistorisches Hofmuseum*, q.v.]

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VIENNA.—Kaiserlich-Koenigliches Naturhistorisches Hofmuseum.

[*c.* 1748 Founded as the private collection of the Sovereign and known as the *Hofnaturalien Kabinet.*
1793 A special Zoological collection was started.
1803 A special Botanical collection was started.
1851 The collections were subdivided into independent institutes, viz. :—
(1) *Kaiserlich-Königliches Zoologisches Kabinet.*
(2) *Kaiserlich-Königliches Hofmineralien Kabinet.*
(3) *Kaiserlich-Königliches Botanisches Kabinet.*
1877 They were re-united as the *Kaiserlich-Koenigliches Naturhistorisches Hofmuseum.*

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C. Polypomedusen. Von L. von Lorenz.
D. Echinodermen. Von F. Fischer.
E. Crustaceen, Pycnogoniden und Arachnoideen. Von C. Koelbel.
F. Insecten. Von E. Becher.
G. Mollusken. Von E. Becher.
H. Bryozoën. Von L. von Lorenz.
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L. Vögel und Säugethiere. Von F. Fischer und A. von Pelzeln.
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,, II. ,, 1. Systematisches Verzeichniss der Schmetterlinge. Von V. Kollar.
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In 1804 Bakhuysen, having acquired the stock from Voet's executors, announced his intention of completing the work. His additions, as shown by change of font in the text, consisted of :—Tom. I, Lat. *pp. 97-104* (misnaged "*67-74*") and Fr. *pp. 97-114*, Dutch *pp. 97-111*, with *pls. xlix-liv* ; Tom. II, Lat. *pp. 33-82*, Fr. *pp. 41-86*, Dutch *pp. 41-87 : pls. xxv-l.*

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Thl. 5 by Panzer has a second title which reads :—"Beyträge zur Geschichte der Insekten. Herausgegeben von D. G. W. F. Panzer," *&c.* —as well as Latin versions of both titles.
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4°. *Amsterdam*, (1766–) 1804.

Under this collective title are brought together 33 separate papers, each with its distinctive title-page. In this copy they have been arranged chronologically instead of in the systematic order of the index. The half-title, a coloured lithographed design, reads : "Regnum Animale per A. Vosmaer." The first 26 pls., *i.e.* those issued before 1780, are without legends.

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[Vosmaer (A.) Natuurkundige beschryving eener uitmuntende verzameling van zeldsaame Gedierten, *&c.* (contd.)]

3. Beschryving van eene . . . soort van Oostindischen . . . vliegenden Eekhoorn, *&c. pp. 12 : 1 pl. col.* 1767.
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16. Beschryving van eene . . . Amerikaansche . . . Slinger-Aapsoort genaamd de Fluiter, *&c. pp. 6 : 1 pl. col.* 1770.
17. Beschryving van eene . . . Afrikaansche . . . Kat-soort, genaamd de Bizaam-Kat, *&c. pp. 6 : 1 pl. col.* 1771.
18. Beschryving van een . . . soort van Amerikaansche . . . Wezel, Potto genaamd, *&c. pp. 6 : 1 pl. col.* 1771.
19. Beschryving van den Amerikaanschen . . . Stier, genaamd Bison, *&c. pp. 10 : 1 pl. col.* 1772.
20. Beschryving van den Oostindischen . . . Ichneumon, *&c. pp. 10 : 1 pl. col.* 1772.
21. Beschryving van eenen . . . Oostindischen . . . Bosch-Hond, *&c. pp. 6 : 1 pl. col.* 1773.
22. Beschryving van eene . . . Oostindische . . . Bosch-Kat, *&c. pp. 6 : 1 pl. col.* 1773.
23. Beschryving van twee . . . Platstaart Slangen, *&c. pp. 8 : 1 pl. col.* 1774.
24. Beschryving van de . . . Langstaartige, ruw-geschubde Slang-Hagedis . . . geyk mede, van de . . . Worm-Hagedis, *&c. pp. 8 : 1 pl. col.* 1774.
25. Beschryving van de . . . Aap-soort, genaamd Orang-Outang, *&c. pp. 23 : 2 pls. col.* 1778.
26. Beschryving van de . . . Harte-Bokken, genaamt Coudou, *&c. pp. 15 : 1 pl. col.* 1788.
27. Beschryving van het . . . Eland . . . genaamd Canna. *pp. 12 : 1 pl. col.* 1783.
28. Beschryving van een Boschbuffel . . . genaamd Gnou. *pp. 14 : 1 pl.* 1784.
29. Beschryving eener . . . Hartebok . . . onder de benaaming van Pronkbok. *pp. 14 : 1 pl. col.* 1784.
30. Beschryving van het . . . Giraffe, *&c.* (Waarneemingen over het geraamte van de Camelopardalis, *&c.* [By P. Camper, 1786.]) *pp. 44 : 2 pls. col.* 1787.
31. Beschryving van een . . . Africaansch Diertje . . . genaamd de Groenglanzige Mol, *&c. pp. 12 : 1 pl. col.* 1787.
32. Beschryving van een . . . Ceilonsche Kaneelduif, *&c. pp. 12 : 1 pl. col.* 1804.
33. Beschryving van eenen . . . Africaanschen . . . naakthalsigen Nimmerzat of Wulp . . . genoemd Bosch-Kalkoen, *&c. pp. 8 : 1 pl. col.* 1804.

Vosmaer (A.) Description d'un receuil exquis d'Animaux rares, consistant en Quadrupèdes, Oiseaux et Serpents, des Indes orientales, et occidentales, *&c.*
4°. *Amsterdam*, (1767–) 1804 (–05).

French edition of the preceding, with the same coloured half-title. The separate papers are arranged as shown in the Contents, *i.e.* chronologically under the three divisions Mammals, Birds, and Reptiles. No. 15–20 are marked as "traduit par Mr. Renfner."

1. Description d'une . . . espèce de Pore à Large Groin ou Sanglier d'Afrique, *&c. pp. 15 : 1 pl. col.* 1767.
2. Description d'une . . . espèce de Petit Bouc Damoiseau de Guinée, *&c. pp. 8 : 1 pl. col.* 1767.
3. Description d'une . . . espèce de Marmote-Bâtarde d'Afrique, *&c. pp. 8 : 1 pl. col.* 1767.
4. Description d'une espèce . . . de grand Écureuil volant à longue queuë des Indes orientales, *&c. pp. 11 : 1 pl. col.* 1767.
5. Description d'une espèce . . . de Singe d'Amérique à longue queuë, nommé Quatto . . . et, par les Hollandois, Bosch-Duivel . . . ou Slinger-Aap, *&c. pp. 12 : 1 pl. col.* 1768.
6. Description d'une espèce de Paresseux Pentadactyle . . . qui se trouve au Bengale, *&c. pp. 19 : 1 pl. col.* 1770.
7. Description d'une espèce . . . de Singe Voltigeur Américain . . . nommé le Siffleur, *&c. pp. 6 : 1 pl. col.* 1770.
8. Description d'une espèce . . . de Chat Africain . . . nommé Chat-Bizaam, *&c. pp. 6 : 1 pl. col.* 1771.
9. Description d'une . . . Belette Américaine . . . nommée Potto. *pp. 6 : 1 pl. col.* 1771.
10. Description du Bœuf Bossu d'Amérique nommé Bison, *&c. pp. 10 : 1 pl. col.* 1772.
11. Description de l'Ichneumon Indien, *&c. pp. 10 : 1 pl. col.* 1772.

[**Vosmaer** (A.) Description d'un receuil exquis d'Animaux rares, &c. (contd.)]

12. Description d'un Chien Sauvage Indien . . . trouvé dans l'Isle de Ceylan, &c. *pp. 6 : 1 pl. col.* 1778.
13. Description d'un Chat Sauvage Indien . . . trouvé au Japon, &c. *pp. 6 : 1 pl. col.* 1778.
14. } Description de l'espèce de singe . . . nommé Orang-Outang
15. } de l'Isle de Borneo. *pp. 23 : 2 pls. col.* 1778.
16. Description d'un animal . . . qui porte le nom de Coudou, &c. *pp. 14 : 1 pl. col.* 1783.
17. Description . . . d'Élan, &c. *pp. 12 : 1 pl. col.* 1783.
18. Description d'un . . . quadrupède . . . appellé Gnou chez les Hottentots, &c. *pp. 13 : 1 pl. col.* 1784.
19. Description d'une . . . Gazelle, connue . . . sous le nom de Pronk-Bok, &c. *pp. 14 : 1 pl. col.* 1784.
20. Description d'un animal . . . auquel j'ai donné le nom . . . de Taupe Verdâtre Lnisante, &c. *pp. 11: 1 pl. col.* 1787.
21. Description du . . . Chameau-Léopard (Camelopardalis), &c. (Remarques sur le squelette de la Giraffe, &c. [By P. Camper.]) *pp. 46 : 2 pls. col.* 1787.
1. Description du Trompette Américain, oiseau . . . de Surinam, &c. *pp. 8 : 1 pl. col.* 1768.
2. Description d'un Alcyon d'Amérique, à longue queuë, &c. *pp. 9 : 1 pl. col.* 1768.
3. Description d'un petit Alcyon d'Amérique, &c. *pp. 6 : 1 pl. col.* 1768.
4. Description de deux petits Alcyons des Indes orientales, &c. *pp. 7 : 1 pl.* 1768.
5. Description d'une . . . Grive d'Amérique, nommée Quereiva, &c. *pp. 5 : 1 pl. col.* 1769.
6. Description du Coq-des-Roches Américain, &c. *pp. 7 : 1 pl. col.* 1769.
7. Description d'une . . . espèce de Perroquet des Indes nommé le Grand Lory Rouge-Pourpré, &c. *pp. 10 : 1 pl. col.* 1769.
8. Description d'un Oiseau de Proie, nommé le Sagittaire, &c. *pp. 8 : 1 pl. col.* 1769.
9. Description d'une espèce . . . de Pigeon nommée Pigeon Canelle de Ceilon, &c. *pp. 12 : 1 pl. col.* 1805.
10. Histoire naturelle du Courli Africain, &c. *pp. 8 : 1 pl. col.* 1805.
1. Description d'un Serpent à Sonnette de l'Amérique, &c. *pp. 20 : 1 pl. col.* 1767.
2. Description d'un . . . Lézard-Serpent . . . et d'un . . . Lézard-Ver, Africain, &c. *pp. 8 : 1 pl. col.* 1774.
8. Description de deux . . . Serpens à queue applatie, &c. *pp. 8 : 1 pl. col.* 1774.

—— [Another copy.]

Wanting the collective title, préavis, and the last four papers published. The plates are uncoloured.

—— [Another copy.]

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Tom. III–VI have secondary titles as under :—

Tom. III. Synopsis Solanacearum, Scrophularinarum, Orobanchearum et Labiatarum in botanicorum scriptis ad hunc diem editis descriptarum. 1844–45.

„ IV. Synopsis Verbenacearum, Myoporinearum, Selagineārum, Stilbinearum, Globulariearum et Plantaginearum omnium ad Annum 1844 cognitarum . . . Additus est Index, *&c.* 1844–48.

„ V. Synopsis Plantarum exogenearum Dialypetalarum omnium inde ab anno 1843 detectarum, exhibens Supplementum tertium ad ordines XCVI priores vegetabilium in Prodromo Candolleano descriptorum. 1845–46.

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XIII. Journey through some Provinces of Asia Minor in . . . 1800. By Lieut.-Col. Leake.
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2. Notes on British species of the genus *Bruchus*, with descriptions of two species not hitherto recorded as indigenous.	Ser. I, vol. XIII, 1844. pp. 206–212.
3. Notes on the synonymy of the genus *Apion*, with descriptions of new species, &c.	Ser. I, vol. XIII, 1844, pp. 444–457; vol. XV, 1845, pp. 331–342 & 392–401.
4. Notes . . . on the genera of Insects *Oxystoma* and *Magdalis*.	Ser. I, vol. XVI, 1845. pp. 221–227.
5. Notes . . . on the genera of Insects *Phyllobius*, *Polydrosus*, and *Metallites*.	Ser. I, vol. XVII, 1846. pp. 12–20.
6. Notes on the genus of Insects *Sitona*, with descriptions of two new species.	Ser. I, vol. XVII, 1846. pp. 227–285.
7. Notes . . . on the genera of Insects *Cœorhinus* and *Strophosomus*, with descriptions of two new species.	Ser. I, vol. XVII, 1846. pp. 304–310.
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10. Notes on the genus of Insects *Otiorhynchus*, with descriptions of new species.	Ser. I, vol. XIX, 1847. pp. 445–453.

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11. Notes . . . on the genera of Insects *Pissodes, Hypera*, &c.; with descriptions of several new species.	Ann. Mag. Nat. Hist. Ser. II, vol. I, 1848.	pp. 295–308.
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14. Notes on the British species of Curculionidæ belonging to the genera *Dorytomus* and *Elleschus*.	Ser. II, vol. VII, 1851.	pp. 310–318.
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In these editions the "Naturalist's Calendar," *&c.*, is usually included; whilst the portion relating to the "Antiquities of Selborne" is frequently omitted. The first of these editions is entitled:—"The Works in Natural History of . . . G. White . . . to which are added, a Calendar and Observations, by W. Markwick," 2 Vol. 8°. 1802. The advertisement by the Editor is signed J. W., *i.e.* John White, the author's nephew.
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3. On the Birds of Palawan.
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[Appendix (contd.)]
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„ Dolichopodidæ. By J. M. Aldrich.
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Table of Genera [of the Ortalididæ]. By W. A. Snow; revised.
Snow also assisted in the preparation of the Ortalidæ of the second edition.
Table of Genera [of the Anthomyidæ]. Revised by C. F. Adams.
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„ 4. The Huronian series west of Penokee Gap. By C. E. Wright.
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The Edible Fungi of Stonehouse. By Prof. [J.] Buckman.
Notes on some Mosses of the Strond district. By G. Holmes.
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1906 *Yorkshire Geological Society.*]
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Vol. I is issued in two parts:—Pt. 1, *pp. 1–352*, 1896; and Pt. 2, *pp. 353–706*, 1900.
The following authors have collaborated in revising and emending this edition:—

BEECHER (C. E.) Trilobita.
BAUR (G. H. C. L.) Chelonia.
CASE (E. C.) Amphibia.
CLARKE (J. M.) Eucrustacea (pars), Acerata (pars).
DALL (W. H.) Pelecypoda.
HATCHER (J. B.) Reptilia.
HAY (O. P.) ,,
HINDE (O. J.) Vermes.
HYATT (A.) Cephalopoda.
KINGSLEY (J. S.) Eucrustacea (pars), Acerata (pars).
LUCAS (F. A.) Aves.
OSBORN (H. F.) Reptilia.
PILSBRY (H. A.) Gastropoda.
SCHUCHERT (C.) Brachiopoda.
SCUDDER (S. H.) Insecta.
SLADEN (W. P.) Asterozoa, Echinozoa.
ULRICH (E. O.) Bryozoa, Ostracoda.
WACHSMUTH (C.) Crinoidea, Blastoidea.
WILLISTON (S. W.) Reptilia.
WOODWARD (A. S.) Pisces.

—— [Another issue.] 2 Vol. *illust.* 8°. *London & New York*, 1900–1902.
Differs only from the preceding in the fact that Vol. I is issued in one part, with title-page dated 1900.

—— Second edition revised and enlarged by the Editor in collaboration with the following-named specialists, *&c.* Vol. I→ *illust.* 8°. *London*, 1913→
Vol. I.

BASSLER (R. S.) Bryozoa, Branchiopoda, Ostracoda, Gastropoda (pars).
CALMAN (W. T.) Cirripedia, Malacostraca.
CLARK (A. H.) Post-Paleozoic Crinoidea.
CLARK (H. L.) Asteroidea, Holothuroidea.
CLARKE (J. M.) Phyllocarida & Arachnida (Merostomata).
CUSHMAN (J. A.) Foraminifera.
DALL (W. H.) Pelecypoda, Gastropoda (pars).
HANDLIRSCH (A.) Insecta [with minor emendations by COCKERELL (T. D. A.) & HOLLAND (W. J.)].
JACKSON (R. T.) Echinoidea.
PETRUNKEVITCH (A.) Embolobranchiata, Myriapoda.
RAYMOND (P. E.) Trilobita.
RUEDEMANN (R.) Graptolitoidea.
SCHUCHERT (C.) Brachiopoda.
SMITH (J. P.) Ammonoidea.
SPRINGER (F.) Cystoidea, Blastoidea, Crinoidea.
VAUGHAN (T. W.) Actinozoa: (Tetracoralla & Hexacoralla).
WALCOTT (C. D.) Trilobita (pars), Arachnida (pars).

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[1861 Founded as *Acclimatisation Society of Victoria.*
1872 *Zoological and Acclimatisation Society of Victoria.*]

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An Address delivered at the Anniversary Meeting of the . . . Club . . . 1826 (-28). 3 No. 8°. *London*, 1826-28.

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For the history of this collection, *See* BRITISH ASSOCIATION. Report, *&c.*, 1845 (1846), p. 188, footnote ; and GRAY (J. E.) List of Books, *&c.*, pp. 7 & 8.

The drawings have been bound into volumes as follows :—

Mammalia of various countries. 117 drgs.
Mammalia from India, East Indian Archipelago, *&c.* 196 drgs.
[Wanting No. 21-30.]
Birds of India, Tasmania, Australia, *&c.* 7 Vol. 962 drgs.
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Miscellaneous drawings of Mammals, Birds, Reptiles, *&c.* 35 drgs.
Miscellaneous drawings of Indian Mammals, Birds and Fishes. 81 drgs.

ZOOLOGICAL JOURNAL, The . . . Conducted by T. Bell . . . J. G. Children . . . J. de C. Sowerby . . . and G. B. Sowerby ([afterwards] Edited by N. A. Vigors). Vol. I-V.† *illust* (*col.*) 8°. *London*, [1824-] 1825-35.

Issued in quarterly parts, four to a volume. Their appearance was somewhat irregular, but in the main coincided with the last month named on the heading to the "Contents" of the part. Part 19, however, which covered from June, 1830, to Sept. 1831, appeared in July 1832 (Mag. Nat. Hist., Vol. V, p. 648) ; whilst Part 20, for 1832-34, was published in November ? 1835 (Edinb. Journ. Nat. Sci., 5 Dec., 1835, p. 10).
Five parts containing supplemental plates were issued at various periods. Of these No. 4 came out with Pt. 19 of the work, and No. 5 with Pt. 20 : the dates of the others are as yet unknown.

ZOOLOGICAL MAGAZINE, The, or Journal of Natural History : being a series of miscellaneous articles, original and translated, on interesting subjects in Zoology, *&c.* [Edited by R. Owen, afterwards Sir R. Owen, K.C.B.] No. 1-6.† *pp. 192* [*1*] *: 7 pls., text illust.* 8°. *London*, 1833.

The copy in the Zoological Department has the original wrappers, but wants the title-page and index.

ZOOLOGICAL MISCELLANY, The, *&c.* Vol. I-III. *See* LEACH (W. E.) & NODDER (R. P.) 4°. 1814-17.

Zoological Miscellany, The . . . By J. E. Gray. [Pt. I-VI.†] *pp. 86 : 4 pls.* (*col.*) 4°. *London*, 1831-44.

The dates of issue of the parts are as follows :—Pt. I, *pp. 1-40 : 4 pls.* 1831 ; pt. II, *pp. 41-48*, March 1842 ; pt. III, *pp. 49-56*, April 1842 ; pt. IV *pp. 57-72*, May 1842 ; pt. V, *pp. 73-80*, June 1842 ; pt. VI, *pp. 81-86*, June 1844.

ZOOLOGICAL RECORD. The Record of Zoological Literature . . . Edited by A. C. L. G. Günther. 1864–69. Vol. I–VI. 8°. *London*, 1865–70.

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The Zoological Record . . . being . . . the Record of Zoological Literature. Edited by A. Newton ([and afterwards] E. C. Rye ; F. J. Bell, F. E. Beddard, D. Sharp.) 1870–1905. Vol. VII–XLII. 8°. *London*, 1871–1906.

Starting as a private venture, this Record was subsequently (1867–70) financed by the British Association, and placed under the control of their "Zoological Record Committee." In January, 1871, this committee was converted into the independent "Zoological Record Association," and in 1886 the work was transferred to and undertaken by the Zoological Society of London till 1905, when its compilation was continued in association with the Zoological Section of the "International Catalogue of Scientific Literature" as follows :—

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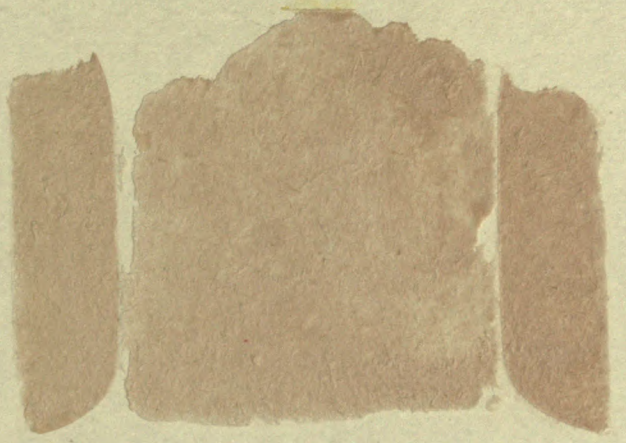

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